

Section 23

Agriculture—Farms, Land, and Finances

This section presents statistics concerning the basic structure of our agricultural economy. Included are data on farm population; number, acreage, value, and ownership of farms; land utilization, irrigation, drainage, and soil conservation; and farm income, expenditures, debt, and prices. The principal sources of these data are reports issued by the Bureau of the Census, which conducts a Census of Agriculture every 5 years and Censuses of Irrigation and of Drainage every 10 years; the annual *Crop Report and Related Data, Federal Reclamation Projects*, issued by the Bureau of Reclamation, Department of the Interior; and current and annual publications of the Department of Agriculture, chief of which are *Report of Administrator of Soil Conservation Service, Agricultural Statistics, The Farm Income Situation, and Farm Real Estate Market Developments*.

Data on farm production, marketings, and imports and exports for crops, livestock, and poultry are in Section 24, Agriculture—Production, Marketing, and Trade.

A Census of Agriculture, entailing personal enumeration of individual farms, has been taken every 10 years since 1840 and every 5 years since 1920. The first Census, limited in scope, included such items as numbers of livestock, production of wool, value of poultry and dairy products, and production of principal crops. Data on number, acreage, and value of farms were first obtained in the 1850 Census; on farm tenure, in 1880; and on a detailed classification of farmland by use, in 1925. The 1959 Census of Agriculture is the most recent one for which data are available; preliminary results from the 1964 Census will be issued during the first half of 1965.

Farms and farmland.—In the course of its history, the Bureau of the Census has used varying definitions of a farm. In the 1959 Census, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least \$250, and places of 10 or more acres if such sales amounted to at least \$50. In the 1950 and 1954 Censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, whether for home use or for sale, but exclusive of home-garden products, amounted to \$150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to \$150 or more. In the Censuses from 1925 to 1945, farms included places of 3 or more acres having any agricultural production, other than from a home garden, and places of less than 3 acres having agricultural production valued at a minimum of \$250. For definitions used in earlier Censuses, see *U.S. Census of Agriculture: 1959*, Vol. II, Introduction.

Currently included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, mushroom houses, and cranberry bogs; excluded are fish farms, fish hatcheries, oyster farms, frog farms, fur farms, apiaries, kennels, game preserves, parks, and the like. In the case of landowners who had one or more tenants, renters, croppers, or managers, the land operated by each was counted as a separate farm.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing that was neither owned nor leased by the farm operator, such as national forests, Taylor grazing land, State or other public lands, and some railroad and other privately owned lands, are not included.

Irrigation.—Irrigated land as defined by the Bureau of the Census is the net acreage of farmland to which irrigation water was applied during the year covered by the enumeration. It excludes land not irrigated during the Census year and also irrigated nonfarm land.

In the 18 Western States (Alaska excluded) and Louisiana, the Bureau of the Census collects information at 10-year intervals on acres irrigated, irrigation works, capital investment, etc. from irrigation companies, districts, and other organizations, and from farms that operate their own irrigation works. Irrigation information for other States is generally limited to the regular farm Census. Following the 1954 and 1959 Censuses, a special survey of irrigation was conducted in humid areas.

The development of Federal irrigation projects rests primarily on the Bureau of Reclamation. By Congressional directive its activities are generally confined to the 19 Western States. The operation of irrigation works, upon complete development, is transferred to capable private water user organizations.

Drainage.—Most farmland drainage works serve to reclaim and improve the land. Other purposes are to protect the land against overflow, to rid the land of seepage from irrigation ditches, and to control alkali formation.

The Bureau of the Census in 1950 and 1960 enumerated, in general, only organized enterprises with 500 acres or more of drained farmland. In 1950, smaller irrigation enterprises which had their own drainage works were also included. In previous Censuses (1920 to 1940), all organized enterprises draining farmlands were included regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any drainage Census. The change in procedure for 1950 and 1960 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

Eight of the 48 conterminous States—the 6 New England States, Pennsylvania, and West Virginia—have had no drainage projects reported in any of the Censuses of Drainage. In 1960, Arizona also had no drainage projects that qualified for inclusion.

Soil conservation.—Soil conservation district legislation has been enacted in all 50 States, and in Puerto Rico and the Virgin Islands. A soil conservation district is a political subdivision of a State, determined by petition and referendum of farmers in the area, and approved by the State Soil Conservation Committee. In most cases, districts have authority to solicit Federal, State, county, and private assistance for their soil and water conservation programs. On request of the local governing body of a district, the Department of Agriculture provides technical and other assistance.

Farm prices and income.—Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained by the Statistical Reporting Service of the Department of Agriculture from about 33,000 voluntary reporters, including farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Index numbers of prices received and of prices paid by farmers (see table 889) are based on current midmonth prices. Information on construction of the indexes is in Agricultural Handbook No. 118, Volume 1, *Agricultural Prices and Parity*, and on revisions in the January 1959 issue of *Agricultural Prices*, both published by the former Agricultural Marketing Service. The ratio of the index of prices received to the index of prices paid measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers.

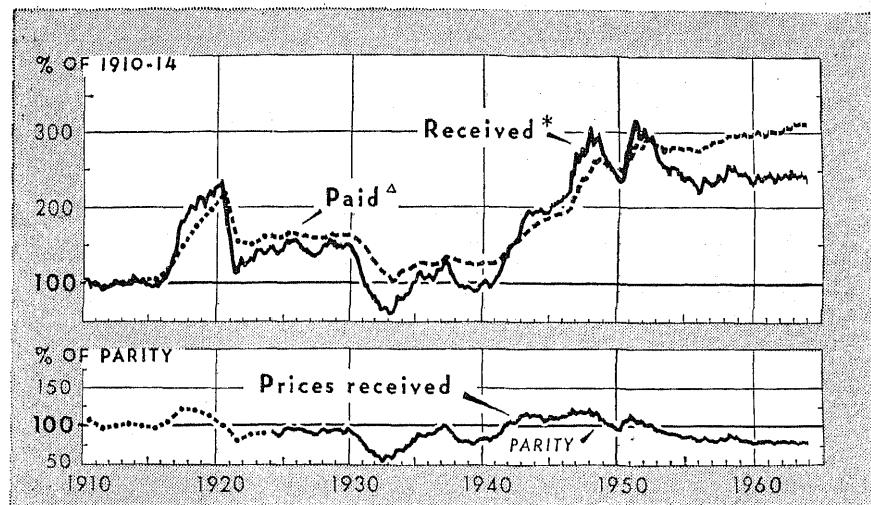
Cash income is the cash receipts from farm marketings and represents quantities of agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Gross farm income includes cash receipts and also Government payments, value of farm products consumed on the farm, and rental value of farm homes.

Alaska and Hawaii.—Statements specifying inclusion or exclusion of figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXVII. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS:
1910 TO 1963

[See table 889]



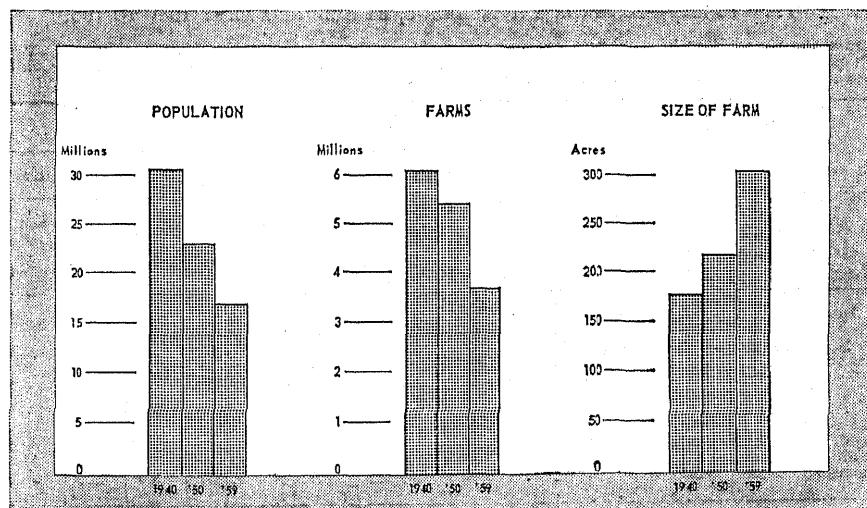
*Monthly data.

△ Includes interest, taxes, and wage rates. Annual average data, 1910 to 1923; by quarters, 1924 to 1936; by months, 1937 to date.

Source: Dept. of Agriculture, Economic Research Service.

FIG. XXXVIII. FARM POPULATION, FARMS, AND FARM SIZE: 1940, 1950, AND 1959

[See tables 866 and 858]



Source: Dept. of Commerce, Bureau of the Census.

No. 856. FARM POPULATION—NUMBER, PERCENT OF TOTAL POPULATION, AND COMPONENTS OF CHANGE: 1920 TO 1963

[In thousands. Beginning 1959, includes Alaska and 1960, Hawaii. Figures for 1941 to 1959 are revised to provide a continuous series approximating the new definition of farm population; see text, p. 2. See *Historical Statistics, Colonial Times to 1957*, series C 74-79, for estimates for 1920 to 1934.]

YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL		Farm population as percent of total population ²	YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL		Farm population as percent of total population ²
		Net change: Births and deaths	Net change: Through migration ¹				Net change: Births and deaths	Net change: Through migration ¹	
1920-----	31,974	-----	-----	30.1	1948-----	24,383	443	-1,889	16.7
1925-----	31,190	-----	-----	27.0	1949-----	24,194	367	-586	16.3
1930-----	30,529	-----	-----	24.9	1950-----	23,048	392	-1,537	15.3
1935-----	32,161	-----	-----	25.3	1951-----	21,890	373	-1,531	14.2
1936-----	31,737	375	-799	24.8	1952-----	21,748	341	-483	13.9
1937-----	31,266	363	-834	24.3	1953-----	19,874	328	-2,201	12.5
1938-----	30,980	375	-661	23.9	1954-----	19,019	296	-1,151	11.8
1939-----	30,840	405	-545	23.6	1955-----	19,078	268	-210	11.6
1940-----	30,547	410	-703	23.2	1956-----	18,712	261	-627	11.2
1941-----	30,118	359	-788	22.6	1957-----	17,656	239	-1,295	10.4
1942-----	28,914	383	-1,587	21.5	1958-----	17,128	220	-748	9.9
1943-----	26,186	418	-3,145	19.2	1959-----	16,592	203	-740	9.4
1944-----	24,815	370	-1,740	18.0	1960-----	15,635	184	-1,142	8.7
1945-----	24,420	353	-748	17.5	1961-----	14,803	168	-1,000	8.1
1946-----	25,403	312	671	18.0	1962-----	14,313	156	-646	7.7
1947-----	25,829	470	-44	18.0	1963-----	13,367	140	-1,086	7.1

¹ Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years, includes persons who did not move but who were in and out of the farm population because agricultural operations began or ceased, respectively, on the place where they were living.

² Total population includes Armed Forces abroad.

Source: Dept. of Agriculture, Economic Research Service, *Farm Population, Estimates for 1910-62*, and (jointly with the Dept. of Commerce, Bureau of the Census), *Estimates of the Farm Population of the United States, April 1963*.

No. 857. FARMS—NUMBER AND ACREAGE, BY SIZE OF FARM: 1940 TO 1959

[Excludes Alaska and Hawaii. 1950 data, except number of farms, based on a sample of farms. May not agree with other 1950 sample data, since size data were not adjusted to agree with total count of farms. See also *Historical Statistics, Colonial Times to 1957*, series K 61-72.]

SIZE OF FARM	1940	1950	1954	1959				Percent distribution		
				Number of farms	Land in farms (1,000 acres)	Crop land harvested (1,000 acres)	Number of farms	All land in farms	Crop land harvested	
Total-----	6,096,799	5,382,162	4,782,416	3,703,894	1,120,158	313,446	100.0	100.0	100.0	100.0
Under 10 acres-----	506,402	484,914	484,201	240,733	1,039	452	6.5	0.1	0.1	0.1
10 to 49 acres-----	1,780,200	1,477,850	1,212,881	811,202	21,808	9,086	21.9	1.9	2.9	18.8
50 to 99 acres-----	1,291,048	1,047,801	864,063	657,685	47,920	18,280	17.8	4.3	5.8	5.8
100 to 179 acres-----	1,309,741	1,102,562	953,109	772,241	105,694	46,929	20.8	0.4	15.0	15.0
180 to 259 acres-----	486,336	487,325	463,608	414,373	89,482	43,198	11.2	8.0	8.0	13.8
260 to 499 acres-----	458,787	478,084	482,246	471,396	165,389	78,826	12.7	14.8	26.1	26.1
500 to 999 acres-----	163,694	182,284	191,697	193,965	137,319	54,303	5.4	12.8	17.3	17.3
1,000 acres and over-----	100,531	121,362	130,481	136,299	551,498	62,371	3.7	40.2	19.0	19.0

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1950, Vol. II, 1954, Vol. II, and 1959, Vol. II.

No. 858. FARMS—NUMBER AND ACREAGE, BY STATES: 1940 TO 1959
 [For composition of regions, see fig. I, p. XII]

STATE	NUMBER OF FARMS (1,000)				ALL LAND IN FARMS (1,000 acres)				AVERAGE ACREAGE PER FARM		
	1940	1950	1954	1959	1940	1950	1954	1959	1950	1954	1959
	U.S.	6,103	5,389	4,782	3,711	1,065,114	1,161,420	1,158,192	1,123,508	216	242	303
The North	2,580	2,268	2,043	1,715	435,088	440,823	434,477	421,440	194	213	246
The South	3,007	2,652	2,317	1,646	370,168	393,215	386,289	357,448	148	167	217
The West	516	469	423	349	259,858	327,377	337,428	344,620	698	798	987
New England	135	103	82	57	13,371	12,547	11,121	9,316	122	136	164
Maine	39	30	23	17	4,223	4,182	3,614	3,082	138	155	178
New Hampshire	17	13	10	7	1,809	1,714	1,457	1,124	128	140	172
Vermont	24	19	16	12	3,667	3,527	3,318	2,945	85	208	243
Massachusetts	32	22	17	11	1,938	1,660	1,439	1,142	75	83	102
Rhode Island	3	3	2	1	222	191	155	138	74	77	99
Connecticut	21	16	13	8	1,512	1,272	1,138	884	82	89	107
Middle Atlantic	348	297	257	198	33,639	31,855	29,898	26,730	107	116	135
New York	153	125	106	82	17,170	16,017	15,071	13,490	128	143	164
New Jersey	26	25	23	15	1,874	1,725	1,665	1,370	70	73	89
Pennsylvania	169	147	129	100	14,594	14,113	13,162	11,862	96	102	119
East North Central	1,006	885	799	666	113,655	112,098	108,597	103,386	127	136	155
Ohio	234	199	177	140	21,908	20,969	19,992	18,507	105	113	132
Indiana	185	167	154	128	19,801	19,659	19,233	18,613	118	125	145
Illinois	213	195	176	155	31,033	30,978	30,399	30,327	159	173	196
Michigan	188	156	139	112	18,038	17,270	16,467	14,783	111	119	132
Wisconsin	187	160	154	131	22,876	23,221	22,507	21,156	138	147	161
West North Central	1,091	983	905	795	274,423	284,329	284,861	282,007	289	315	355
Minnesota	197	179	163	146	32,607	32,883	32,285	30,796	184	195	211
Iowa	213	203	193	175	34,149	34,265	34,045	33,631	169	177	194
Missouri	256	230	202	169	34,740	35,123	34,195	33,153	153	170	197
North Dakota	74	65	62	55	37,936	41,194	41,877	41,466	630	676	755
South Dakota	72	66	63	56	30,474	44,786	44,949	44,851	674	719	805
Nebraska	121	107	101	90	47,344	47,467	47,487	47,756	443	471	528
Kansas	156	131	120	104	48,174	48,611	50,024	50,153	370	416	481
South Atlantic	1,019	959	859	592	92,555	102,170	98,259	83,339	107	114	141
Delaware	9	7	6	5	896	851	814	763	114	129	146
Maryland	42	36	32	25	4,198	4,056	3,897	3,457	112	120	138
Dist. of Columbia	(1)	(1)	n.a.	n.a.	2	1	n.a.	n.a.	45	D.n.a.	D.n.a.
Virginia	175	151	138	98	16,445	15,572	14,686	13,126	103	108	135
West Virginia	99	81	69	44	8,900	8,215	7,352	6,063	101	107	138
North Carolina	278	289	268	191	18,845	19,318	18,260	15,888	67	68	83
South Carolina	138	130	124	78	11,239	11,879	11,069	9,149	85	89	117
Georgia	216	198	166	106	23,684	25,751	24,019	19,658	130	145	185
Florida	62	57	53	45	8,333	16,528	18,162	15,237	290	316	338
East South Central	1,023	913	790	563	77,086	79,576	77,202	68,285	87	98	121
Kentucky	253	213	193	151	20,204	19,442	18,034	17,031	89	93	113
Tennessee	248	232	203	158	18,493	18,534	17,654	16,081	80	87	102
Alabama	232	212	177	116	19,143	20,889	20,810	18,543	99	118	142
Mississippi	291	251	216	138	19,156	20,711	20,702	18,630	82	96	135
West South Central	964	780	668	491	200,527	211,469	210,828	205,824	271	316	419
Arkansas	217	182	145	95	18,045	18,871	17,944	16,459	103	124	173
Louisiana	150	124	111	74	9,996	11,202	11,441	10,347	90	103	139
Oklahoma	180	142	119	95	34,803	36,007	35,630	35,801	253	300	378
Texas	418	332	293	227	137,683	145,889	145,813	143,218	439	498	631
Mountain	233	195	180	149	191,901	250,213	260,942	264,429	1,284	1,450	1,774
Montana	42	35	33	29	46,452	59,247	61,469	64,081	1,689	1,859	2,213
Idaho	44	40	39	34	10,298	13,224	14,364	15,232	328	371	452
Wyoming	15	13	11	10	28,026	34,421	34,989	36,200	2,729	3,069	3,715
Colorado	51	46	41	33	31,527	37,953	38,385	38,787	833	942	1,162
New Mexico	34	24	21	16	38,860	47,522	49,451	46,293	2,014	2,347	2,908
Arizona	18	10	9	7	25,651	39,916	41,790	40,203	3,834	4,483	5,558
Utah	25	24	23	18	7,302	10,865	12,262	12,689	449	537	712
Nevada	4	3	3	2	3,785	7,064	8,231	10,943	2,271	2,881	4,649
Pacific	283	274	243	200	67,956	77,164	76,484	80,191	279	315	401
Washington	82	70	65	52	15,182	17,389	17,641	18,717	249	271	363
Oregon	62	60	54	43	17,988	20,328	21,047	21,236	340	387	499
California	133	137	123	99	30,524	36,613	37,795	36,888	267	307	372
Alaska	1	1	n.a.	(1)	1,776	422	n.a.	888	803	n.a.	2,421
Hawaii	5	6	n.a.	6	2,486	2,432	n.a.	2,461	423	n.a.	394

n.a. Not available.

¹ Less than 500.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 859. FARMS—NUMBER, BY SIZE, BY STATES: 1959

[For composition of regions, see fig. I, p. XII]

STATE	Total number of farms	Under 10 acres	10 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
U.S.	3,710,503	244,328	813,216	657,990	772,508	414,475	471,547	200,012	136,427
The North	1,715,441	66,650	221,963	271,840	438,635	268,813	299,495	103,441	44,604
The South	1,645,949	127,584	500,413	344,082	293,356	126,401	141,418	69,955	42,740
The West	349,113	50,094	90,840	42,068	40,517	19,261	30,634	26,616	49,083
New England	56,867	5,171	11,458	10,138	12,297	7,006	7,825	2,460	512
Maine	17,360	796	2,711	3,737	4,543	2,306	2,299	763	205
New Hampshire	6,542	434	1,314	1,216	1,435	820	922	331	61
Vermont	12,099	427	1,088	1,246	2,805	2,234	3,178	956	165
Massachusetts	11,179	2,057	3,391	2,028	1,807	891	748	216	41
Rhode Island	1,395	287	401	297	218	84	63	36	9
Connecticut	8,292	1,170	2,553	1,614	1,489	662	615	158	31
Middle Atlantic	197,867	15,074	38,227	42,974	52,466	24,842	19,833	3,824	627
New York	82,356	4,863	12,547	14,834	21,914	13,192	12,245	2,415	346
New Jersey	15,459	3,320	4,893	2,477	2,660	1,149	735	167	58
Pennsylvania	100,052	6,891	20,787	25,663	27,892	10,501	6,853	1,242	223
East North Central	666,189	26,228	107,196	136,723	186,860	104,209	88,319	15,016	1,638
Ohio	140,353	7,094	27,012	34,555	38,619	17,416	13,160	2,216	281
Indiana	128,160	6,631	26,928	26,981	30,421	17,545	16,502	2,906	290
Illinois	154,644	6,245	18,668	20,079	39,045	31,154	32,689	6,190	574
Michigan	111,817	3,645	23,225	29,007	29,948	13,856	10,338	1,690	208
Wisconsin	131,215	2,713	11,363	26,151	48,827	24,238	15,630	2,014	270
West North Central	794,518	20,177	65,082	82,005	187,012	132,756	183,518	82,141	41,827
Minnesota	145,662	2,925	10,128	17,430	46,346	31,294	30,929	5,773	837
Iowa	174,707	5,457	13,727	18,559	56,994	40,808	34,342	4,476	345
Missouri	168,672	5,408	26,216	29,798	40,820	25,871	29,866	9,037	1,656
North Dakota	54,928	268	850	680	3,321	2,190	15,591	20,661	11,367
South Dakota	55,727	689	1,855	1,762	6,705	5,845	18,137	11,219	9,515
Nebraska	90,475	2,478	4,696	5,075	17,069	15,179	26,675	11,266	8,037
Kansas	104,347	2,952	7,610	8,701	15,757	11,569	27,978	19,710	10,070
South Atlantic	592,153	52,977	206,680	131,545	99,054	40,774	37,676	15,890	7,557
Delaware	5,208	568	1,200	1,073	1,065	568	504	182	48
Maryland	25,122	2,623	6,008	4,684	5,617	2,845	2,468	716	161
Virginia	97,623	8,038	28,914	21,668	18,925	8,272	7,721	3,087	998
West Virginia	44,011	1,713	11,373	11,465	10,192	4,175	3,475	1,236	382
North Carolina	190,507	17,806	81,112	46,612	26,823	8,839	6,664	2,041	670
South Carolina	78,172	6,714	34,483	15,798	10,151	3,906	4,105	1,986	1,029
Georgia	106,350	6,867	27,930	23,864	20,947	9,486	9,834	4,917	2,505
Florida	45,100	8,648	15,660	6,381	5,334	2,683	2,905	1,725	1,764
East South Central	562,604	46,949	188,047	133,537	104,049	39,319	32,979	12,000	5,724
Kentucky	150,986	13,752	37,271	39,473	34,526	13,234	9,734	2,468	528
Tennessee	157,688	14,867	52,746	35,467	28,948	10,955	8,528	2,485	692
Alabama	115,788	7,656	43,658	26,525	18,493	7,172	6,913	3,317	2,054
Mississippi	138,142	10,674	54,372	29,072	22,082	7,958	7,804	3,730	2,450
West South Central	491,192	27,658	105,686	79,000	90,253	46,308	70,763	42,065	29,459
Arkansas	95,007	5,998	26,103	19,892	18,937	8,912	8,974	4,272	1,919
Louisiana	74,438	7,900	33,750	13,753	8,422	3,362	3,536	2,180	1,526
Oklahoma	94,676	2,907	11,294	11,757	20,307	10,040	20,527	11,936	5,908
Texas	227,071	10,853	34,539	33,698	42,587	23,994	37,726	23,668	20,106
Mountain	149,080	10,547	21,943	15,647	19,933	9,833	18,000	17,113	36,064
Montana	28,959	675	1,690	1,353	2,451	1,407	3,531	4,671	13,181
Idaho	33,670	2,625	6,013	5,853	6,731	2,904	3,983	2,773	2,788
Wyoming	9,744	155	529	494	1,140	731	1,519	1,213	3,963
Colorado	33,390	1,934	3,976	2,717	4,590	2,268	4,856	4,834	8,215
New Mexico	15,919	1,766	3,232	1,273	1,448	740	1,580	1,663	4,217
Arizona	7,233	1,020	1,505	738	758	301	740	672	1,409
Utah	17,811	2,243	4,597	2,917	2,503	1,230	1,526	1,076	1,720
Nevada	2,354	129	401	302	312	162	205	212	571
Pacific	200,033	39,547	68,897	26,421	20,584	9,428	12,634	9,503	13,019
Washington	51,577	6,701	18,704	7,657	6,030	2,590	3,366	2,893	3,630
Oregon	42,573	5,141	13,609	6,807	5,744	2,644	3,281	2,099	3,248
California	99,274	24,110	34,570	11,652	8,543	4,086	5,836	4,464	6,013
Alaska	367	26	26	48	144	55	43	13	17
Hawaii	6,242	3,569	1,988	262	123	47	108	34	111

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 860. FARMS—NUMBER, BY ECONOMIC CLASS, BY STATES: 1959

[Based on reports for a sample of farms. For composition of regions, see fig. I, p. XII. For total commercial farms and other farms, see table 864]

STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS		
		\$50 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$39,999	\$40,000 and over	Part-time	Part-retirement	Abnormal
U.S.	3,707,973	348,954	617,677	653,881	483,004	210,402	102,099	884,785	404,110	3,061
North	1,714,492	89,501	297,985	407,192	317,932	118,933	40,862	295,825	144,870	1,302
South	1,645,028	244,768	277,503	192,540	111,059	54,643	31,255	500,652	231,668	945
West	348,453	14,595	42,189	54,149	54,013	36,826	29,982	88,308	27,577	814
N.E.	56,861	2,386	6,417	8,806	9,663	5,859	2,696	15,123	5,783	128
Maine	17,342	679	1,714	2,099	2,533	1,825	935	5,308	2,221	28
N. H.	6,544	242	708	920	914	445	190	2,205	902	18
Vt.	12,167	545	1,672	2,914	2,667	971	237	2,341	811	9
Mass.	11,149	482	1,451	1,568	1,837	1,258	557	3,033	922	41
R. I.	1,400	116	176	210	266	220	98	220	92	2
Conn.	8,259	322	696	1,095	1,446	1,140	679	2,016	835	30
M.A.	197,866	8,228	26,446	37,581	35,181	14,950	4,943	51,285	18,939	313
N. Y.	82,354	2,778	11,183	17,323	16,707	6,658	2,111	18,723	6,769	102
N. J.	15,463	535	1,723	2,331	3,434	2,568	1,135	2,611	1,096	30
Pa.	100,049	4,915	13,540	17,927	15,040	5,724	1,697	29,951	11,074	181
E.N.C.	666,118	32,637	119,236	148,804	113,314	38,633	11,376	138,663	63,011	444
Ohio	140,366	7,716	25,573	26,784	17,638	5,585	1,707	38,020	17,161	177
Ind.	128,143	6,615	22,640	24,811	20,314	7,659	1,892	30,076	14,066	70
Ill.	154,052	6,071	21,062	34,303	38,848	17,345	5,690	20,041	11,225	58
Mich.	111,765	6,362	21,647	19,363	12,779	3,823	1,068	34,149	12,511	63
Wis.	131,192	5,873	28,309	43,543	23,735	4,221	1,010	16,377	8,048	76
W.N.C.	793,647	46,340	145,886	212,001	159,774	59,491	21,847	90,754	57,137	417
Minn.	145,639	9,271	28,223	44,546	28,428	7,503	2,330	17,010	8,242	86
Iowa	174,685	5,645	23,547	47,428	48,025	21,574	8,110	11,660	8,621	75
Mo.	168,879	14,768	34,479	30,398	18,365	6,394	2,274	39,566	22,364	71
N. Dak.	54,791	4,379	12,462	18,756	11,078	6,948	784	2,623	1,716	45
S. Dak.	56,496	4,240	12,443	17,954	10,484	3,429	1,131	2,972	2,786	57
Nebr.	90,223	3,517	15,263	26,485	22,808	9,053	3,741	4,711	4,618	47
Kans.	104,134	4,520	19,469	26,434	20,586	8,610	3,477	12,212	8,790	36
S.A.	591,863	79,050	103,524	79,113	40,855	17,811	9,333	179,175	82,559	443
Del.	5,263	270	545	918	983	773	398	836	475	5
Md.	28,108	1,383	3,535	4,064	4,008	2,142	847	6,396	2,696	37
Va.	97,619	14,630	16,084	9,408	5,438	2,749	1,218	30,820	17,220	52
W. Va.	43,982	4,946	3,531	2,063	1,330	500	229	21,458	9,395	24
N. O.	190,511	26,904	43,311	33,579	12,055	3,144	1,085	47,255	23,068	110
S. C.	78,163	13,591	13,164	9,344	3,823	1,603	808	26,342	10,453	35
Ga.	106,271	14,067	17,698	14,734	9,358	4,279	1,769	31,456	12,781	79
Fla.	45,006	3,259	5,656	4,953	3,854	2,621	2,979	15,612	5,971	101
E.S.C.	562,538	114,182	98,736	51,176	22,866	8,862	4,628	175,169	86,713	206
Ky.	150,972	27,157	30,458	18,420	7,808	2,264	564	40,461	22,768	92
Tenn.	157,695	29,598	30,122	14,792	5,718	1,760	649	50,630	24,375	55
Ala.	115,773	24,274	16,000	8,906	4,864	2,650	1,156	40,770	17,123	30
Miss.	138,098	33,153	22,176	9,058	4,476	2,188	2,259	43,308	21,447	33
W.S.C.	490,627	51,536	75,243	62,251	47,338	27,970	17,294	146,308	62,391	296
Ark.	94,980	13,484	14,322	9,918	7,350	4,276	3,112	29,361	13,108	49
La.	74,370	13,010	9,204	5,342	3,761	2,109	1,289	29,525	10,093	37
Okla.	94,678	8,219	16,801	15,864	10,638	4,054	1,366	28,143	9,539	54
Tex.	226,599	16,823	34,916	31,127	25,589	17,531	11,527	59,279	29,651	156
Mt.	148,507	7,430	20,465	28,148	27,934	16,612	10,171	27,737	9,496	514
Mont.	28,802	1,234	4,024	6,570	6,387	3,860	1,444	3,652	1,583	48
Idaho	33,648	1,264	4,895	7,164	7,038	3,550	1,660	6,067	1,906	104
Wyo.	9,705	1,496	1,390	1,999	2,160	1,268	771	1,136	467	18
Colo.	33,183	1,745	4,477	6,375	6,850	4,077	2,627	5,156	1,853	29
N. Mex.	15,869	1,740	1,904	1,840	1,837	1,407	1,071	4,284	1,717	69
Ariz.	7,173	252	662	656	920	984	1,609	1,633	394	73
Utah	17,811	606	2,871	3,216	2,450	1,163	638	5,286	1,430	151
Nev.	2,316	93	258	328	292	303	351	528	146	22
Pac.	199,946	7,165	21,724	26,001	26,079	20,214	19,811	60,571	18,081	300
Wash.	51,554	1,783	5,348	6,417	6,967	4,781	2,887	18,383	4,964	44
Oreg.	42,551	1,811	5,207	5,518	4,954	3,158	2,154	14,045	4,752	52
Calif.	99,232	3,090	10,311	13,335	13,632	12,035	14,526	24,341	7,782	180
Alaska	367	26	28	31	44	36	20	154	25	3
Hawaii	6,242	455	830	700	482	204	244	2,748	558	21

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

No. 861. FARMS—VALUE OF LAND AND BUILDINGS, BY STATES: 1940 TO 1959

[Beginning 1950, figures are based on reports for a sample of farms. For composition of regions, see fig. I, p. XII]

STATE	TOTAL VALUE (\$1,000,000) ¹				AVERAGE VALUE PER FARM ² (dollars)			AVERAGE VALUE PER ACRE (dollars)		
	1940	1950	1954	1959	1950	1954	1959	1950	1954	1959
	U.S. ³ -----	33,642	75,261	97,583	129,005	13,983	20,405	34,826	64,96	84,25	115.08
The North.....	18,909	38,455	48,025	61,761	16,955	23,506	36,003	87.23	110.54	146.56
The South.....	9,716	22,955	29,549	39,011	8,654	12,755	23,702	58.38	76.50	100.14
The West ⁴	5,016	13,850	20,009	28,233	30,000	47,334	82,342	42.68	59.30	82.51
New England.....	741	1,222	1,253	1,414	11,839	15,303	24,860	97.40	112.67	151.75
Maine.....	124	227	219	256	7,462	9,392	14,756	54.17	60.72	83.11
New Hampshire.....	62	125	125	118	9,323	11,989	18,046	72.85	85.65	105.00
Vermont.....	111	196	202	240	10,314	12,662	19,837	55.68	60.99	81.49
Massachusetts.....	212	315	322	354	14,163	18,552	31,692	189.54	223.81	310.14
Rhode Island.....	26	44	53	52	17,062	26,475	37,571	232.02	343.02	379.98
Connecticut.....	205	315	331	393	20,189	25,971	47,372	247.77	291.07	444.13
Middle Atlantic.....	2,039	3,485	4,156	4,879	11,747	16,156	24,657	109.42	139.02	182.52
New York.....	947	1,467	1,675	1,971	11,742	15,844	23,936	91.62	111.14	146.18
New Jersey.....	228	605	672	717	20,343	29,635	46,397	229.84	403.73	520.12
Pennsylvania.....	864	1,513	1,809	2,190	10,299	14,039	21,892	107.19	137.46	184.05
East North Central.....	7,334	14,704	18,942	24,737	16,607	23,717	37,132	131.17	174.43	239.27
Ohio.....	1,444	2,859	3,707	4,573	14,341	20,937	32,583	136.34	185.45	247.11
Indiana.....	1,251	2,691	3,733	4,938	16,151	24,303	38,489	136.90	194.08	265.02
Illinois.....	2,537	5,395	7,036	9,580	27,628	40,083	61,946	174.15	231.47	315.87
Michigan.....	913	1,701	2,195	2,855	10,935	15,800	25,535	98.52	133.29	193.15
Wisconsin.....	1,189	2,057	2,271	2,796	12,203	17,789	21,309	88.55	100.90	132.16
West North Central.....	8,796	19,044	23,673	30,732	19,379	26,151	38,680	66.98	83.10	108.98
Minnesota.....	1,443	2,777	3,478	4,749	15,507	21,051	32,605	84.46	107.74	154.22
Iowa.....	2,691	5,507	6,770	8,587	27,105	35,090	49,150	160.71	198.86	253.82
Missouri.....	1,107	2,236	2,785	3,727	9,720	13,815	22,094	63.66	81.45	112.40
North Dakota.....	490	1,189	1,493	2,141	18,178	24,110	38,978	28.86	35.66	51.63
South Dakota.....	505	1,402	1,767	2,277	21,095	28,263	40,852	31.30	39.31	50.76
Nebraska.....	1,138	2,735	3,400	4,234	25,517	33,713	46,796	57.62	71.60	88.66
Kansas.....	1,421	3,199	3,980	5,017	24,344	33,117	48,084	65.80	70.55	100.04
South Atlantic.....	3,160	7,160	9,555	12,832	7,466	11,123	21,671	70.08	97.24	153.98
Delaware.....	55	97	128	180	13,043	20,287	34,551	114.11	156.88	235.98
Maryland.....	274	507	691	982	14,048	21,258	39,095	125.07	177.30	284.12
District of Columbia.....	6	5	n.a.	n.a.	166,643	n.a.	n.a.	3,688.54	n.a.	n.a.
Virginia.....	675	1,277	1,551	1,819	8,458	11,389	18,635	82.01	105.61	138.60
West Virginia.....	270	487	497	450	5,983	7,248	10,230	59.31	67.61	74.27
North Carolina.....	737	1,906	2,346	2,949	6,605	8,758	15,475	98.65	128.49	185.61
South Carolina.....	338	820	965	1,226	5,886	7,769	17,688	69.06	87.18	134.01
Georgia.....	480	1,115	1,442	1,908	5,623	8,710	17,944	43.28	60.03	97.08
Florida.....	324	946	1,935	3,317	16,617	33,627	73,554	57.23	106.54	217.72
East South Central.....	2,325	5,169	6,086	7,855	5,662	7,709	13,962	64.96	78.84	115.03
Kentucky.....	776	1,572	1,722	2,805	7,196	8,900	15,260	80.87	95.49	135.37
Tennessee.....	664	1,432	1,635	2,095	6,182	8,049	13,288	77.26	92.62	130.30
Alabama.....	409	1,017	1,206	1,480	4,800	6,816	12,780	49.69	57.96	89.45
Mississippi.....	475	1,148	1,528	1,974	4,566	7,053	14,292	55.42	73.56	105.07
West South Central.....	4,232	10,626	13,908	18,324	13,616	20,817	37,306	50.25	65.97	89.03
Arkansas.....	457	1,136	1,378	1,797	6,225	9,496	18,915	60.18	76.77	109.19
Louisiana.....	354	921	1,278	1,766	7,416	11,497	23,719	82.21	111.67	170.63
Oklahoma.....	831	1,851	2,256	3,002	13,016	18,964	31,710	51.42	63.33	83.86
Texas.....	2,590	6,718	8,997	11,759	20,263	30,711	51,787	46.22	61.70	82.11
Mountain.....	1,780	5,513	7,775	10,878	28,294	43,191	72,967	22.03	28.80	41.14
Montana.....	350	999	1,476	2,223	25,475	44,655	76,761	16.86	24.02	34.69
Idaho.....	339	923	1,296	1,701	22,920	33,466	50,528	69.82	90.26	111.69
Wyoming.....	159	455	535	774	36,060	46,935	79,447	13.21	15.29	21.39
Colorado.....	388	1,212	1,829	2,053	26,588	37,513	61,494	31.93	39.82	52.94
New Mexico.....	188	713	1,055	1,086	30,228	50,078	68,233	15.01	21.34	23.46
Arizona.....	154	604	1,075	1,951	57,996	115,330	269,724	15.13	25.72	48.53
Utah.....	154	471	586	755	19,492	25,652	42,391	43.37	47.75	59.50
Nevada.....	48	136	223	334	43,700	78,162	141,974	19.24	27.13	30.54
Pacific ³	3,237	8,337	12,233	17,355	31,245	50,406	89,554	112.19	159.94	223.27
Washington.....	593	1,470	2,022	2,455	21,057	31,018	47,590	84.64	114.59	181.14
Oregon.....	477	1,216	1,643	1,857	20,327	30,178	43,608	59.82	78.06	87.42
California.....	2,166	5,650	8,569	13,026	41,192	69,620	131,212	154.32	226.71	353.12
Alaska.....	n.a.	n.a.	n.a.	18	n.a.	n.a.	48,379	n.a.	n.a.	19.99

n.a. Not available.

¹ Based on average value per acre for farms in sample for which value of land and buildings was reported.² Average for farms reporting value of land and buildings.³ Beginning 1950, includes Alaska.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 862. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY SIZE OF SALES: 1949, 1954, AND 1959

[Excludes Alaska and Hawaii. Value of farm sales expressed in prices received by farmers in 1959]

YEAR AND ITEM	SIZE OF SALES				PERCENT			
	\$2,500 or more	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 or more	\$2,500 or more	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 or more
1949								
Farms.....1,000.....	2,087	882	721	484	100.0	42.3	34.5	23.2
Acreage.....1,000 acres.....	849,794	168,696	215,075	466,023	100.0	19.9	25.3	54.8
Average per farm.....acres.....	407	191	298	963				
Value of sales.....\$1,000,000.....	18,919	3,093	4,894	10,032	100.0	16.3	25.9	57.8
Average per farm.....dollars.....	9,065	3,507	6,788	22,587				
1954								
Farms.....1,000.....	2,102	812	707	583	100.0	38.6	33.6	27.8
Acreage.....1,000 acres.....	885,036	163,216	220,520	501,300	100.0	18.4	24.9	56.7
Average per farm.....acres.....	421	201	312	860				
Value of sales.....\$1,000,000.....	22,059	2,944	4,975	14,140	100.0	13.3	22.6	64.1
Average per farm.....dollars.....	10,494	3,625	7,037	24,255				
1959								
Farms.....1,000.....	2,064	617	653	794	100.0	29.9	31.6	38.5
Acreage.....1,000 acres.....	937,162	118,473	188,403	630,286	100.0	12.6	20.1	67.3
Average per farm.....acres.....	454	192	289	794				
Value of sales.....\$1,000,000.....	28,850	2,271	4,718	21,861	100.0	7.9	16.3	75.8
Average per farm.....dollars.....	13,975	3,682	7,223	27,516				

Source: Dept. of Agriculture, Economic Research Service; unpublished data. Data based on 1959 Census of Agriculture, Bureau of the Census.

No. 863. FARMS—AVERAGE VALUE OF LAND AND BUILDINGS, BY VALUE: 1960

[Excludes Alaska and Hawaii. Estimates based on information obtained from a sample of farms during fall of 1960. For discussion of sampling variability, see source]

VALUE	Number of farms (percent)	VALUE OF LAND AND BUILDINGS		VALUE	Number of farms (percent)	VALUE OF LAND AND BUILDINGS	
		Average per farm (dollars)	Percent			Average per farm (dollars)	Percent
All farms.....	100.0	39,753	100.0	\$40,000 to \$59,999.....	10.9	47,123	13.0
				\$60,000 to \$99,999.....	9.3	75,137	17.5
Less than \$15,000.....	40.7	6,921	7.1				
\$15,000 to \$24,999.....	17.5	18,546	8.2	\$100,000 to \$199,999.....	5.6	130,146	18.3
\$25,000 to \$39,999.....	13.9	30,534	10.7	\$200,000 or more.....	2.1	475,001	25.2

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1960, Vol. V.

No. 864. FARMS—NUMBER, BY TYPE, BY STATES: 1959

[Based on reports for a sample of farms. In general, a farm was classified as a particular type if its sales of a particular product or group of products amounted to 50 percent or more of total value of farm products sold. For composition of regions, see fig. 1, p. XII]

STATE	All farms	COMMERCIAL FARMS									Other farms ¹		
		Total ¹	Cash grain	Cotton	Other field crop	Veg-etable	Fruit and nut	Dairy	Poul-try	Livestock ²			
U.S.	3,707,973	2,416,017	398,047	241,849	38,332	21,912	61,419	428,293	103,279	684,061	211,613	1,291,956	
Percent	100.0	65.2	10.8	6.5	1.0	0.6	1.6	11.6	2.8	18.5	5.7	35.1	
The North	1,714,492	1,272,495	308,265	6,758	9,279	9,392	12,565	331,035	39,637	428,551	107,327	441,997	
The South	1,645,028	911,708	54,760	225,983	19,009	6,735	14,966	66,945	50,946	188,964	82,439	733,260	
The West	348,453	231,754	35,022	9,108	10,044	5,785	8,888	30,313	12,696	66,546	22,101	116,699	
New England	56,861	35,827	31	—	2,760	899	1,374	18,546	6,694	1,684	911	21,034	
Maine	17,342	9,785	21	—	2,457	157	403	3,257	2,243	338	250	7,557	
New Hampshire	6,544	3,419	—	—	—	25	46	109	1,803	800	239	136	3,125
Vermont	12,167	9,006	5	—	—	38	25	68	7,833	258	392	213	3,161
Massachusetts	11,149	7,153	—	—	133	403	565	2,817	1,550	432	197	3,996	
Rhode Island	1,400	1,086	—	—	—	46	76	35	420	284	45	10	314
Connecticut	8,259	5,378	5	—	—	61	192	194	2,416	1,469	238	96	2,881
Middle Atlantic	197,866	127,329	4,278	—	1,906	3,836	4,484	73,647	14,206	11,329	7,599	70,537	
New York	82,354	56,760	1,670	—	833	1,670	2,694	39,072	3,693	2,816	2,389	25,594	
New Jersey	15,463	11,726	606	—	507	1,558	647	2,744	3,593	514	438	3,737	
Pennsylvania	100,049	58,843	2,102	—	—	566	608	1,143	31,831	6,920	7,999	4,772	41,206
E. N. Central	666,118	446,000	121,014	5	2,066	3,884	6,194	155,335	10,967	119,307	36,820	202,118	
Ohio	140,366	85,008	19,904	—	200	762	888	22,201	3,057	24,560	10,117	55,368	
Indiana	128,143	83,931	25,825	—	108	517	235	10,871	3,162	32,477	9,095	44,212	
Illinois	154,652	123,328	58,753	5	32	513	450	11,222	1,122	42,481	7,677	31,324	
Michigan	111,765	65,042	14,267	—	1,230	1,304	4,145	24,673	2,079	9,839	6,192	46,723	
Wisconsin	131,192	106,691	2,265	—	408	788	476	86,368	1,547	9,950	3,739	24,501	
W. N. Central	793,647	645,339	182,942	6,753	2,547	773	513	83,507	7,770	296,231	61,743	148,308	
Minnesota	145,639	120,301	27,271	—	1,166	308	85	43,203	2,273	28,245	17,073	25,338	
Iowa	174,685	154,329	31,233	—	23	122	60	11,343	1,800	98,237	13,161	20,356	
Missouri	168,679	106,678	19,397	6,753	65	147	298	16,528	2,179	52,690	7,726	62,001	
North Dakota	54,791	50,407	27,911	—	771	—	—	—	2,282	232	14,218	4,910	4,384
South Dakota	55,496	49,681	6,805	—	58	10	—	—	2,606	334	36,099	4,218	5,815
Nebraska	90,223	80,847	30,528	—	436	55	25	2,350	413	38,513	8,071	9,376	
Kansas	104,134	83,096	30,097	—	33	131	45	5,195	539	30,229	6,584	21,038	
South Atlantic	591,863	329,686	11,781	29,699	9,869	4,019	11,270	23,796	27,654	43,622	34,643	262,177	
Delaware	5,203	3,887	980	—	39	106	8	728	1,532	140	274	1,316	
Maryland	25,108	15,979	1,740	—	98	342	130	5,070	2,142	2,184	1,054	9,129	
Virginia	97,619	49,527	2,387	55	2,989	358	665	6,261	3,151	11,120	3,939	48,002	
West Virginia	43,982	12,605	243	—	—	86	60	243	2,705	1,600	6,134	609	31,377
North Carolina	190,511	120,078	3,509	4,827	2,506	668	573	4,487	6,209	7,040	10,680	70,433	
South Carolina	78,163	42,333	1,328	12,081	150	343	956	1,463	1,461	3,394	4,006	35,830	
Georgia	106,271	61,955	1,329	12,476	3,401	456	504	2,319	9,923	9,280	12,648	44,316	
Florida	45,006	23,322	265	—	260	511	1,636	8,191	763	1,638	4,330	1,343	21,684
E. S. Central	562,538	300,450	8,163	99,648	2,382	968	927	25,040	11,114	58,115	28,819	262,088	
Kentucky	150,972	86,651	2,800	124	207	100	130	8,189	1,156	18,561	10,267	64,321	
Tennessee	157,695	82,639	1,972	23,170	191	255	212	9,642	1,907	17,796	9,066	75,056	
Alabama	115,773	57,850	1,721	29,765	1,514	363	300	1,700	5,378	9,915	5,801	57,923	
Mississippi	138,098	73,310	1,670	46,589	470	250	276	5,509	2,673	11,843	3,085	64,788	
W. S. Central	490,627	281,632	34,816	96,636	6,758	1,748	2,769	18,109	12,178	87,227	18,977	208,995	
Arkansas	94,980	52,462	4,811	24,892	251	307	924	4,266	5,018	9,468	2,040	42,518	
Louisiana	74,370	34,715	7,443	14,906	2,481	302	834	2,634	987	6,898	1,446	39,655	
Oklahoma	94,678	56,942	14,817	5,384	1,418	149	146	4,676	7,779	23,222	6,036	37,736	
Texas	226,599	137,513	11,445	51,454	2,608	900	865	6,533	5,394	47,639	9,455	89,086	
Mountain	148,507	110,760	23,083	4,021	6,303	835	1,640	12,749	1,988	46,828	12,583	37,747	
Montana	28,802	23,519	8,820	—	862	20	91	1,055	112	10,874	1,438	5,283	
Idaho	33,648	25,571	5,198	—	3,001	121	265	5,520	245	5,961	4,974	8,077	
Wyoming	9,705	8,084	1,027	—	242	5	—	411	24	5,505	816	1,621	
Colorado	33,183	26,145	6,693	—	1,550	360	624	2,134	460	11,308	2,633	7,038	
New Mexico	15,869	9,799	626	2,177	198	71	188	393	193	5,117	6,070	—	
Arizona	7,173	5,073	170	1,830	32	141	213	361	228	1,656	353	2,100	
Utah	17,811	10,944	522	—	397	95	250	2,665	695	4,847	1,354	6,867	
Nevada	2,316	1,625	27	14	21	22	—	160	31	1,060	280	691	
Pacific	199,946	120,914	11,939	5,087	3,741	4,950	32,248	17,564	10,708	20,218	9,518	78,952	
Washington	51,554	28,163	6,070	—	1,027	820	4,516	5,938	2,017	4,571	2,031	23,391	
Oregon	42,551	22,802	2,518	—	798	848	2,749	3,439	1,436	6,181	3,490	19,749	
California	99,232	66,929	3,341	5,087	1,019	2,921	24,273	8,046	7,022	8,928	3,968	32,303	
Alaska	367	185	10	—	25	10	1	73	19	28	9	182	
Hawaii	6,242	2,915	—	—	872	351	709	68	214	510	20	3,327	

¹ Includes 227,212 tobacco farms and other miscellaneous commercial farms not shown separately.

² Excludes dairy and poultry farms; includes ranches.

³ Part-time, part-retirement, and abnormal farms. For definition, see source.

Farm Products

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No. 865. VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE OF INCOME, 1954 AND 1959, AND BY STATES, 1959

[In thousands of dollars. For 1959, dairy products and livestock sold alive based on a sample of farms for all States except Alaska and Hawaii]

YEAR AND STATE	All farm products sold	Field crops ¹	Vege-tables	Fruits and nuts	Horticul-tural specialties ²	Dairy products	Poultry and poultry products	Livestock and livestock products ³
1954-----	24,644,727	9,925,110	645,095	1,198,016	584,081	3,334,066	1,918,936	7,039,422
1959-----								
U.S.-----	30,492,721	10,492,816	739,626	1,398,423	802,724	4,021,591	2,257,822	10,779,718
N.E.-----	592,972	93,275	12,652	24,957	50,302	224,434	148,721	38,630
Maine-----	171,318	54,348	2,501	5,727	7,906	32,090	61,684	7,063
N.H.-----	48,122	1,654	933	2,970	3,537	20,152	14,874	4,002
Vt.-----	108,547	2,890	387	1,862	4,526	83,183	4,731	10,950
Mass.-----	126,440	11,545	5,443	10,569	18,848	41,021	29,530	9,484
R.I.-----	18,299	2,846	437	452	3,112	6,791	3,799	865
Conn.-----	120,246	19,984	2,951	3,377	12,373	41,198	34,106	6,256
M.A.-----	1,699,013	178,711	78,403	88,165	137,830	741,010	252,562	222,332
N.Y.-----	755,410	72,679	35,891	44,256	48,236	408,632	70,093	75,621
N.J.-----	231,069	20,664	29,965	18,618	25,679	53,061	67,790	15,292
Pa.-----	712,535	85,369	12,547	25,291	63,913	279,317	114,679	131,418
E.N.C.-----	5,203,259	1,593,071	80,018	91,266	145,772	1,065,199	265,378	1,962,555
Ohio-----	862,851	250,508	15,790	11,278	53,615	160,921	62,292	302,446
Ind.-----	945,685	333,314	9,970	5,767	17,120	92,518	75,752	411,250
Ill.-----	1,810,661	741,151	14,849	7,464	32,381	122,457	42,642	849,717
Mich.-----	622,960	184,662	19,943	50,569	27,593	166,069	32,376	135,748
Wis.-----	961,103	83,437	19,465	10,180	15,063	517,239	52,316	263,395
W.N.C.-----	7,798,654	2,404,489	16,986	8,078	45,208	645,508	325,533	4,352,851
Minn.-----	1,211,750	350,530	9,089	1,359	12,806	259,077	99,516	478,473
Iowa-----	2,284,110	482,772	2,400	1,039	10,724	140,735	98,181	1,548,268
Mo.-----	1,011,892	343,097	2,882	4,405	12,653	93,312	53,123	502,420
N. Dak.-----	468,709	277,397	72	38	701	29,675	7,075	153,751
S. Dak.-----	513,876	81,041	173	25	1,137	28,296	20,503	382,700
Nebr.-----	1,197,501	390,199	428	266	2,415	39,871	26,990	737,333
Kans.-----	1,110,817	479,453	1,044	946	4,770	54,543	20,146	549,914
S.A.-----	3,248,094	1,202,573	128,333	397,408	159,275	345,982	505,318	509,206
Del.-----	85,962	18,085	4,572	656	3,478	8,301	47,012	3,857
Md.-----	231,136	51,393	9,333	4,375	9,983	63,625	56,417	36,010
Va.-----	423,025	132,229	8,584	18,724	20,082	73,078	59,047	112,181
W. Va.-----	99,142	5,207	525	10,723	4,823	18,155	23,022	36,686
N.C.-----	797,214	528,496	8,476	7,317	24,379	49,677	99,387	79,482
S.C.-----	302,924	180,767	8,148	15,353	11,370	22,652	25,443	39,190
Ga.-----	607,317	229,585	6,784	15,859	25,052	40,148	165,810	120,079
Fla.-----	700,476	56,812	81,910	324,401	56,107	70,346	29,179	81,721
E.S.C.-----	1,972,391	966,675	11,934	14,281	55,232	192,067	207,488	524,714
Ky.-----	518,070	241,795	1,106	2,179	7,629	62,010	16,176	187,176
Tenn.-----	474,557	221,124	5,076	3,270	15,165	62,134	28,202	139,588
Ala.-----	414,263	164,679	3,668	4,204	21,430	26,990	95,010	98,283
Miss.-----	565,501	339,078	2,085	4,628	11,008	40,938	68,101	99,667
W.S.C.-----	3,663,710	1,941,374	39,000	30,123	39,940	206,903	227,513	1,178,857
Ark.-----	639,187	429,121	3,092	7,659	6,214	24,544	94,169	74,389
La.-----	334,908	202,934	1,952	4,079	7,688	28,923	17,852	71,781
Oklahoma-----	580,735	239,058	2,217	1,811	6,627	43,032	14,851	272,237
Tex.-----	2,108,881	1,069,961	31,740	15,674	20,011	110,404	100,641	760,450
Mt.-----	2,355,960	867,766	58,500	29,897	26,597	152,669	48,594	1,171,937
Mont.-----	377,120	158,487	218	734	2,824	13,229	3,053	198,858
Idaho-----	438,384	228,755	3,780	6,182	3,699	47,137	6,289	142,541
Wyo.-----	162,124	30,334	152	29	483	4,558	908	125,661
Colo.-----	579,976	172,732	10,622	7,067	9,410	31,554	10,677	337,915
N. Mex.-----	107,128	80,620	3,105	2,824	1,604	9,317	3,863	95,697
Ariz.-----	388,380	163,202	37,297	9,716	6,703	17,805	6,111	147,546
Utah-----	155,675	27,250	2,643	3,318	1,478	25,066	17,507	78,412
Nev.-----	56,892	6,377	684	28	306	4,002	187	45,307
Pac.-----	3,958,667	1,244,881	313,800	714,248	142,570	447,819	276,714	818,637
Wash.-----	569,204	228,011	19,571	85,763	20,470	70,587	34,368	110,488
Oreg.-----	411,843	132,656	22,198	43,084	23,651	42,386	25,063	122,805
Calif.-----	2,822,071	773,820	268,649	580,383	96,157	323,540	209,781	569,732
Alaska-----	3,214	581	188	2	76	1,635	317	415
Hawaii-----	152,334	109,804	3,194	5,015	2,215	9,672	7,185	15,250

¹ Other than vegetables and fruits and nuts.

² Includes forest products.

³ Other than dairy and poultry.

No. 866. FARMS—NUMBER BY COLOR AND TENURE OF OPERATOR, AND ACREAGE AND VALUE BY TENURE OF OPERATOR: 1910 TO 1959

[1950 data for value of farms and all 1954 and 1959 data based on reports for a sample of farms. See also *Historical Statistics, Colonial Times to 1957*, series K 8-52]

YEAR, REGION, AND COLOR	All farms	Full owner	Part owner	Manager	TENANT	
					Cash ¹	Other
NUMBER OF FARMS						
United States: ²						
1910	6,361,502	3,354,897	593,825	58,104	712,204	1,642,382
1920	6,448,343	3,366,510	558,580	68,449	480,009	1,974,795
1930	6,288,648	2,911,644	656,750	55,880	489,210	2,175,155
1940	6,096,799	3,084,138	615,039	36,351	514,438	1,846,833
1950	5,382,162	3,089,583	824,923	23,527	212,790	1,231,339
1954	4,783,021	2,744,708	868,180	20,894	160,131	989,108
1959	3,707,973	2,116,504	834,470	21,060	107,217	628,632
The South:						
1910	3,097,547	1,329,390	215,121	16,284	453,060	1,083,692
1920	3,206,664	1,405,762	191,463	18,318	219,188	1,371,933
1930	3,223,816	1,190,683	224,902	17,358	238,032	1,552,751
1940	3,007,170	1,327,690	216,607	13,580	254,351	1,194,042
1950	2,652,423	1,411,123	325,999	9,970	119,855	785,467
1954	2,317,296	1,275,226	351,016	9,571	88,782	592,701
1959	1,645,028	946,613	322,952	9,196	49,231	317,036
White:						
1910	2,207,406	1,154,100	171,944	15,084	192,094	674,184
1920	2,283,750	1,227,204	152,432	16,548	118,013	769,653
1930	2,342,129	1,050,187	183,469	16,529	140,112	951,832
1940	2,326,904	1,185,788	185,246	13,215	189,667	762,988
1950	2,083,333	1,269,641	274,135	9,740	80,293	459,524
1954	1,853,820	1,145,372	300,280	9,190	60,634	338,344
1959	1,379,407	856,864	285,418	8,906	34,376	193,193
Nonwhite:						
1910	890,141	175,290	43,177	1,200	260,966	409,508
1920	922,914	173,553	39,031	1,770	100,275	603,280
1930	881,687	140,496	41,523	829	97,920	600,919
1940	680,266	141,902	31,361	366	64,684	441,954
1950	559,090	141,482	51,864	239	39,562	325,943
1954	463,476	129,854	50,736	381	28,148	254,357
1959	265,621	80,749	37,534	290	14,855	123,193
LAND IN FARMS (1,000 acres)						
United States: ²						
1910	878,798	464,923	133,631	53,731	67,847	158,666
1920	955,884	461,250	175,525	54,120	65,005	199,886
1930	986,771	372,450	245,926	61,986	71,370	235,039
1940	1,060,852	382,098	300,325	66,530	74,880	237,010
1950	1,158,566	418,970	422,394	105,241	42,203	189,757
1954	1,160,044	397,214	472,465	100,003	36,960	153,402
1959	1,123,378	346,483	503,682	109,990	33,985	129,238
AVERAGE VALUE OF FARMS (land and buildings)						
United States: ²						
1910	\$5,471	\$5,160	\$8,515	\$25,075	\$4,662	
1920	10,284	9,122	16,387	38,937	12,526	9,000
1930	7,614	7,255	12,389	40,052	7,770	5,784
1940	5,518	4,060	9,938	39,687	4,330	4,036
1950	13,911	10,716	25,133	128,255	11,753	n.a.
1954	19,761	14,511	35,764	165,800	16,184	n.a.
1959	33,175	22,478	56,660	244,714	32,949	35,630

n.a. Not available.

¹ For 1910, standing renters (renters paying a fixed quantity of products) were included with "Cash tenants" for all States; for 1920, those for northern and western States were included with "Cash tenants," and those for the South with "Other tenants."

² Beginning 1959, includes Alaska and Hawaii except that value of farms excludes Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

Farms

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No. 867. FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1954 AND 1959

[Data based on reports for a sample of farms. For composition of regions, see fig. I, p. XII. For total number of farms (all tenures combined), see table 853]

STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL	
	Full owners		Part owners		Managers		Tenants		1954	1959
	1954	1959	1954	1959	1954	1959	1954	1959		
United States	12,744,708	2,116,594	1,868,180	834,470	1,20,894	21,060	1,149,239	735,849	124,0	19,8
The North	1,189,462	955,172	430,306	424,380	6,800	6,747	416,707	328,193	20,4	19,1
The South	1,275,226	946,613	351,016	322,052	9,571	9,106	681,483	366,267	29,4	22,3
The West	1,280,020	214,809	1,86,858	87,138	1,4,523	5,117	1,51,049	41,389	12,1	11,9
New England	64,889	41,502	13,867	13,001	625	695	2,435	1,663	3,0	2,9
Maine	19,999	13,759	2,823	3,071	114	159	435	353	1,9	2,0
New Hampshire	8,352	4,760	1,772	1,584	57	68	242	132	2,3	2,0
Vermont	11,602	8,116	3,553	3,492	106	117	738	442	4,6	3,6
Massachusetts	14,019	8,321	2,623	2,346	254	202	420	280	2,4	2,5
Rhode Island	1,495	928	341	347	12	23	105	102	5,4	7,3
Connecticut	9,422	5,618	2,755	2,161	82	126	495	354	3,9	4,3
Middle Atlantic	195,711	140,919	42,212	41,491	1,356	1,357	17,920	14,099	7,0	7,1
New York	78,547	57,078	21,511	832	585	540	5,028	3,904	4,8	4,7
New Jersey	17,713	10,883	3,307	3,069	187	212	1,488	1,299	6,6	8,4
Pennsylvania	99,451	72,958	17,394	17,500	584	605	11,404	8,806	8,9	8,9
East North Central	492,161	395,714	152,869	148,951	2,635	2,453	151,400	119,000	18,9	17,9
Ohio	116,788	88,081	30,308	28,958	687	660	29,315	22,667	16,6	16,1
Indiana	94,188	75,706	30,829	30,251	425	379	28,255	21,717	18,4	16,9
Illinois	75,640	63,646	38,270	38,815	525	451	61,270	51,740	34,9	33,5
Michigan	99,027	77,362	29,163	26,282	406	368	10,347	7,803	7,4	7,0
Wisconsin	106,518	90,829	24,695	592	595	22,213	15,073	14,5	11,5	
West North Central	436,701	377,027	221,358	220,937	2,184	2,242	244,952	193,431	27,1	24,4
Minnesota	96,758	84,571	36,171	34,723	304	451	32,091	25,894	19,4	17,8
Iowa	87,984	79,677	30,581	33,546	456	391	73,988	61,071	38,3	35,0
Missouri	128,124	106,159	37,742	37,696	503	385	35,311	24,439	17,5	14,5
North Dakota	23,467	19,775	25,488	24,478	95	195	12,758	10,343	20,6	18,9
South Dakota	19,714	17,625	24,288	23,158	197	220	18,151	14,493	29,1	26,1
Nebraska	35,141	31,181	26,342	27,436	327	325	38,923	31,281	38,6	34,7
Kansas	45,513	38,049	40,746	39,900	302	275	33,730	25,910	28,0	24,9
South Atlantic	497,734	350,144	115,504	106,188	3,917	4,032	241,520	131,499	28,1	22,2
Delaware	4,237	3,143	1,132	1,310	79	106	843	644	13,4	12,4
Maryland	22,505	16,860	4,344	4,056	337	342	5,297	3,850	16,3	15,3
Virginia	94,431	64,647	19,185	18,312	595	596	22,159	14,064	16,2	14,4
West Virginia	56,243	36,550	5,943	4,406	169	203	6,215	2,823	9,1	6,4
North Carolina	129,239	92,261	41,429	39,905	564	442	96,586	57,903	36,1	30,4
South Carolina	57,626	38,974	17,337	14,743	446	337	48,779	24,109	39,3	30,8
Georgia	85,005	62,240	19,255	17,643	915	761	57,290	25,627	34,6	24,1
Florida	45,448	35,469	6,879	5,813	812	1,245	4,361	2,479	7,6	5,5
East South Central	428,840	333,048	109,430	97,688	2,040	1,818	249,357	129,984	31,6	23,1
Kentucky	126,118	98,654	28,523	27,599	384	390	38,421	24,329	19,9	16,1
Tennessee	121,221	98,209	30,590	28,925	388	349	51,186	30,212	25,2	19,2
Alabama	88,432	60,902	27,427	22,637	537	390	60,553	31,844	34,2	27,5
Mississippi	93,069	75,283	22,890	18,527	731	689	99,197	43,599	45,9	31,6
West South Central	348,652	263,421	126,082	119,076	3,614	3,346	190,606	104,784	28,5	21,4
Arkansas	77,739	55,849	18,652	16,195	638	548	48,263	22,388	33,2	25,0
Louisiana	60,360	44,264	12,828	11,755	528	401	37,524	17,950	33,7	24,1
Oklahoma	58,372	46,406	31,418	29,019	544	433	28,036	17,860	24,3	18,9
Texas	152,181	116,842	63,184	61,207	1,904	1,964	75,883	46,686	25,9	20,6
Mountain	101,177	76,455	49,933	49,229	1,794	2,278	26,967	20,545	15,0	13,8
Montana	14,493	11,659	13,425	12,900	251	312	4,737	3,931	14,5	13,6
Idaho	24,231	19,861	7,711	8,577	289	327	6,609	4,883	17,0	14,5
Wyoming	5,198	4,049	4,128	3,910	178	222	1,851	1,624	16,3	15,7
Colorado	20,938	15,485	10,457	9,680	305	373	8,972	6,745	22,1	20,3
New Mexico	12,769	8,959	5,056	4,963	249	249	2,303	1,698	11,0	10,7
Arizona	5,727	3,940	2,252	1,995	290	391	1,016	847	10,9	11,8
Utah	15,703	10,924	5,879	5,791	190	292	1,236	804	5,4	4,5
Nevada	2,118	1,578	425	513	72	112	193	113	6,9	4,9
Pacific	1,178,843	138,354	1,36,925	37,809	1,2,729	2,839	1,24,082	20,844	19,9	10,4
Washington	48,723	36,398	9,991	10,266	371	325	6,050	4,565	9,3	8,9
Oregon	41,250	30,813	8,606	8,490	336	244	4,250	3,004	7,8	7,1
California	88,870	68,489	18,328	17,766	2,022	2,144	13,782	10,843	11,2	10,9
Alaska	n.a.	256	n.a.	82	n.a.	12	n.a.	17	n.a.	4,6
Hawaii	n.a.	2,398	n.a.	1,315	n.a.	114	n.a.	2,415	n.a.	38,7

n.a. Not available.

¹ Excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 868. FARMS CHANGING OWNERSHIP—SUMMARY: 1930 TO 1963

[Excludes Alaska and Hawaii]

ITEM	1930	1940	1950	1955	1960	1961	1962	1963
Farms changing ownership per 1,000 farms (estimated number) ¹	61.5	62.8	52.2	46.6	47.1	44.6	45.9	44.8
Voluntary sales and trades ²	23.7	30.3	37.0	31.9	30.7	28.1	28.5	28.5
Forced sales and related defaults	20.8	15.8	1.8	2.4	2.2	2.0	2.2	1.6
Foreclosures of mortgages, bankruptcies, etc. ³	15.7	12.5	1.4	2.0	1.6	1.5	1.6	1.2
Delinquent taxes	5.1	3.3	0.4	0.4	0.6	0.5	0.6	0.4
Other transfers ⁴	17.0	16.7	13.4	12.3	14.2	14.5	15.2	14.7
Percentage of voluntary sales and trades:								
Purchased by local residents	82	83	79	79	78	77	-----	-----
Purchased for operation	81	78	80	78	-----	-----	-----	-----
Occupation of purchaser:								
Active farmer	72	68	67	63	63	65	65	66
Retired farmer	4	4	5	4	3	3	3	3
Other occupation	24	28	28	33	34	32	32	31

¹ Year ending Mar. 15.² Includes contracts to purchase (but not options).³ Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.⁴ Inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.Source: Dept. of Agriculture, Economic Research Service; periodic report, *Farm Real Estate Market Developments*.

No. 869. FARM REAL ESTATE—INDEXES OF AVERAGE VALUE OF FARMLAND AND BUILDINGS PER ACRE, BY STATES: 1940 TO 1964

[1957-59=100. As of March 1]

STATE	1940	1950	1955	1960	1964	STATE	1940	1950	1955	1960	1964
U.S. ¹	30	65	85	111	131	South Atlantic—Con.					
New England:						Virginia	30	62	84	109	128
Maine	50	71	90	111	123	West Virginia	43	72	83	110	126
New Hampshire	56	80	87	114	129	North Carolina	26	65	90	106	132
Vermont	48	84	86	114	122	South Carolina	28	64	87	112	133
Massachusetts	59	78	83	116	129	Georgia	26	56	79	118	151
Rhode Island	49	76	81	117	128	Florida	27	45	66	118	167
Connecticut	47	73	81	113	127	East South Central:					
Middle Atlantic:						Kentucky	28	70	85	112	140
New York	43	75	86	107	122	Tennessee	30	74	87	112	140
New Jersey	35	57	82	113	128	Alabama	29	62	84	113	143
Pennsylvania	36	62	82	111	131	Mississippi	24	58	73	108	136
East North Central:						West South Central:					
Ohio	26	59	85	105	119	Arkansas	25	62	85	115	154
Indiana	25	60	85	107	118	Louisiana	30	56	78	117	143
Illinois	29	63	85	106	116	Oklahoma	32	67	90	115	146
Michigan	28	62	83	109	123	Texas	34	63	91	117	147
Wisconsin	43	74	84	107	115	Mountain:					
West North Central:						Montana	24	57	80	116	137
Minnesota	32	63	80	108	117	Idaho	26	65	87	110	122
Iowa	34	73	90	108	112	Wyoming	27	68	83	113	136
Missouri	31	66	85	109	132	Colorado	26	74	91	110	132
North Dakota	30	64	83	111	131	New Mexico	26	77	98	109	140
South Dakota	30	73	88	109	129	Arizona	24	58	81	112	139
Nebraska	33	73	97	110	128	Utah	32	70	90	108	123
Kansas	30	70	89	108	122	Nevada	32	64	90	108	126
South Atlantic:						Pacific: ¹					
Delaware	32	55	80	118	143	Washington	30	66	90	107	117
Maryland	27	54	79	113	143	Oregon	29	69	88	106	120
						California	26	58	79	116	148

¹ Excludes Alaska and Hawaii.Source: Dept. of Agriculture, Economic Research Service; periodic report, *Farm Real Estate Market Developments*.

Land Utilization

621

No. 870. LAND UTILIZATION, FARM AND NONFARM: 1950 AND 1959

[In millions of acres. Includes Alaska and Hawaii]

MAJOR USES	1950		1959	
	Land	Percent	Land	Percent
Total land area.....	2,273	100.0	2,271	100.0
In farms.....				
Cropland ¹	1,161	51.1	1,124	49.5
409	18.0	392	17.3	
Grassland pasture ²	486	21.4	532	23.4
Woodland pasture.....	135	6.0	93	4.1
Woodland not pastured.....	85	3.7	70	3.1
Farmsteads, roads, and other land.....	40	2.0	37	1.6
Not in farms.....	1,112	48.9	1,147	50.5
Grazing land ³	402	17.7	319	14.0
Forest land not grazed ⁴	335	14.7	431	19.0
Other land ⁵	375	16.5	397	17.5

¹ Comprises cropland used for crops, soil improvement crops, and idle cropland.

² Includes cropland used only for pasture.

³ Includes grassland, arid woodland, and shrub and other forested land grazed.

⁴ Excludes forest areas in parks and most other special uses.

⁵ Comprises urban, industrial, and residential areas; rural parks; wildlife refuges; highway, road, and railroad rights-of-way; ungrazed desert, rocky, barren, swamp, tundra, and other land not otherwise counted.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics, 1963*.

No. 871. LAND UTILIZATION, BY OWNERSHIP: 1950 AND 1959

[In millions of acres. Includes Alaska and Hawaii. Private land includes land owned by individuals, private groups, corporations, and Indian tribal and trust lands. Public land comprises Federal, State, county, and municipal land. Highways and road rights-of-way included as public land]

MAJOR USES	1950			1959		
	Total	Private	Public	Total	Private	Public
Total land area.....	2,273	1,388	885	2,271	1,385	886
Cropland ¹	409	405	4	392	389	3
Pasture and grazing land ²	1,023	725	298	944	659	285
Forest and woodland not grazed.....	428	178	250	501	236	245
Special uses ³	137	34	103	157	42	115
Other land ⁴	276	46	230	277	39	238

¹ Includes all cropland except cropland used only for pasture.

² Includes all grassland, woodland, and forest land used for pasture and grazing.

³ Urban areas; highway, road, and railroad rights-of-way; rural parks; wildlife refuges; national defense areas; and other special uses.

⁴ Comprises marshes, sand dunes, bare rock areas, ungrazed deserts, and other land not otherwise counted.

Source: Dept. of Agriculture, Economic Research Service; unpublished data.

No. 872. IRRIGATION ORGANIZATIONS—SUMMARY: 1920 TO 1959

[Data are for 17 Western States (Alaska and Hawaii excluded, except as noted) and Louisiana. Relates to multiple farm organizations only. Based on reports of management of organizations. An organization is defined as a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be a formal legal arrangement or an informal cooperative arrangement.]

ITEM	1920	1930	1940	1950	1959
Approximate land area ¹ 1,000 acres.....	1,150,389	1,159,362	1,195,412	1,194,632	1,193,103
Farms (irrigated and nonirrigated) ¹ number.....	1,689,071	1,826,434	1,686,166	1,435,847	1,050,408
Land in all farms ¹ 1,000 acres.....	490,686	555,456	613,491	701,611	717,322
Irrigation organizations:					
Organizations..... number.....	n.a.	4,373	5,533	10,491	18,765
Area irrigated..... 1,000 acres.....	12,339	13,131	16,378	14,975	17,786
Investment in irrigation organizations..... 1,000 dollars.....	542,913	704,763	864,611	1,384,564	2,424,153
Increase over preceding census..... percent.....	n.a.	29.8	22.7	60.1	75.0
Average per acre irrigated..... dollars.....	44	54	53	92	137

n.a. Not available.

¹ Includes Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1920, Vol. VII; 1930 and 1940, Irrigation of Agricultural Lands; and U.S. Census of Agriculture: 1950, and 1959, Vol. III.

No. 873. IRRIGATION ORGANIZATIONS—AREA IRRIGATED, 1949 AND 1959, AND CAPITAL INVESTED, 1950 AND 1959, BY STATES

[See headnote, table 872. Minus sign (−) denotes decrease]

STATE	AREA IRRIGATED				CAPITAL INVESTED				Increase, 1950 to 1959	
	1949	1959		1950	1959		Total	Proportion of total		
		Total	Proportion of total		Total	Proportion of total				
19 States, total.....	1,000 acres 14,975	1,000 acres 17,786	Percent 100.0	Percent 18.8	\$1,000 \$1,584,564	\$1,000 \$2,424,153	Percent 100.0	Percent 175.0		
Louisiana.....	261	186	1.0	−28.7	8,766	10,821	0.5	23.4		
18 Western States, total.....	14,713	17,601	99.0	19.6	13,755,793	24,113,332	99.6	75.4		
Arizona.....	556	644	3.6	15.8	104,725	167,649	6.9	60.0		
California.....	3,135	4,184	23.5	33.5	402,412	808,382	37.1	123.2		
Colorado.....	2,400	2,670	15.0	11.3	144,704	204,537	8.4	41.3		
Hawaii.....	n.a.	85	0.5	n.a.	n.a.	n.a.	n.a.	n.a.		
Idaho.....	1,896	2,299	12.9	21.3	123,315	147,843	6.1	19.8		
Kansas and Oklahoma.....	78	106	0.6	35.9	12,854	55,166	2.3	329.2		
Montana.....	1,149	1,347	7.6	17.2	72,024	96,265	4.0	33.7		
Nebraska.....	508	706	4.0	39.0	41,974	55,814	2.3	33.0		
Nevada.....	286	263	1.5	−8.0	16,092	17,151	0.7	6.6		
New Mexico.....	384	366	2.1	−4.7	45,447	59,113	2.4	30.1		
North Dakota.....	34	40	0.2	17.6	2,853	3,467	0.1	21.5		
Oregon.....	739	846	4.8	14.5	60,988	70,576	2.9	15.7		
South Dakota.....	68	84	0.5	23.5	5,962	9,896	0.4	66.0		
Texas.....	1,043	944	5.3	−9.5	70,897	87,630	3.6	23.6		
Utah.....	1,083	1,110	6.2	2.5	53,161	91,507	3.8	72.1		
Washington.....	514	848	4.8	65.0	168,685	360,453	15.2	119.0		
Wyoming.....	840	1,058	5.9	26.0	49,707	78,883	3.3	58.7		

n.a. Not available.

¹ Excludes Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1950, and 1959, Vol. III.

Irrigated Land

623

No. 874. IRRIGATED LAND IN FARMS, BY STATES: 1944 TO 1959

In 1944 and 1949, figures for acres irrigated represent total land in irrigated farms; in 1954 and 1959, irrigated crop-land harvested plus irrigated pasture. For composition of regions, see fig. I, p. XII. See *Historical Statistics, Colonial Times to 1957*, series J 84-85, for U.S. totals]

STATE	FARMS REPORTING				ACRES IRRIGATED			
	1944	1949	1954	1959	1944	1949	1954	1959
	288,195	306,219	320,236	307,783	20,539,470	25,904,873	29,552,155	33,162,978
U.S. 1								
The North	12,448	18,348	27,648	36,273	861,079	1,255,321	1,925,423	3,366,861
The South	20,008	39,087	57,185	63,011	2,372,296	4,552,481	7,102,186	7,783,403
The West	246,739	248,784	235,403	208,490	17,305,195	20,094,071	20,524,547	22,022,714
New England	922	1,581	2,017	1,618	12,153	31,450	38,395	30,651
Maine	3	123	87	138	100	2,299	1,097	2,214
New Hampshire	10	51	61	76	63	622	942	1,249
Vermont	2	22	55	72	6	303	689	1,612
Massachusetts	874	1,053	1,364	1,093	11,355	18,507	22,683	19,900
Rhode Island	9	52	43	34	133	1,631	1,009	406
Connecticut	24	280	405	205	496	8,088	11,975	5,171
Middle Atlantic	1,415	2,208	4,333	4,430	30,792	54,616	125,886	148,393
New York	646	888	1,675	1,741	10,316	19,248	59,024	57,907
New Jersey	675	1,033	1,775	1,902	11,712	28,117	58,912	73,873
Pennsylvania	94	287	883	787	8,764	7,261	17,950	16,523
East North Central	1,206	2,110	3,509	3,934	12,795	36,237	75,575	111,376
Ohio	463	458	847	575	4,178	5,706	15,379	11,972
Indiana	123	164	443	450	830	5,339	11,738	17,237
Illinois	47	139	266	332	368	1,510	6,789	10,127
Michigan	347	995	1,408	1,009	2,850	13,901	23,473	40,178
Wisconsin	226	354	545	638	4,569	9,781	18,199	31,862
West North Central	8,905	12,449	17,789	26,291	806,239	1,136,018	1,675,564	3,066,441
Minnesota	27	274	347	397	210	4,235	9,207	14,991
Iowa	54	76	132	313	1,197	1,386	2,396	18,181
Missouri	118	142	752	590	1,113	2,089	32,998	29,957
North Dakota	206	304	399	471	22,814	35,294	37,672	47,656
South Dakota	708	807	923	1,002	52,895	78,069	90,371	115,629
Nebraska	7,156	9,680	12,500	18,936	631,762	876,259	1,171,369	2,077,926
Kansas	636	1,166	2,736	4,592	96,248	138,686	331,551	762,101
South Atlantic	4,199	6,516	11,660	18,924	224,446	381,044	536,195	596,844
Delaware	3	10	81	156	22	404	5,555	15,533
Maryland	8	30	235	328	287	697	8,344	11,174
District of Columbia	16	2	n.a.	n.a.	45	13	n.a.	n.a.
Virginia	31	71	763	1,996	1,419	2,817	21,805	31,101
West Virginia	11	9	62	66	42	40	1,381	1,115
North Carolina	19	96	2,704	8,537	229	2,083	25,423	65,743
South Carolina	5	84	743	1,398	62	6,408	22,009	24,952
Georgia	14	189	1,268	2,194	423	3,161	23,873	33,700
Florida	4,092	6,075	5,799	4,249	221,917	365,421	427,807	413,526
East South Central	211	180	4,475	3,253	1,113	6,950	185,130	136,627
Kentucky	34	67	1,226	1,130	230	485	13,434	8,005
Tennessee	21	35	1,094	1,005	393	1,012	22,548	10,979
Alabama	153	34	452	328	487	367	16,558	17,357
Mississippi	3	44	1,703	790	3	5,086	132,490	99,686
West South Central	24,598	32,391	41,050	40,634	2,146,737	4,164,487	6,380,860	7,049,932
Arkansas	2,229	3,060	6,218	5,652	288,665	422,107	857,863	711,812
Louisiana	7,185	7,438	6,897	4,817	535,619	576,775	707,818	484,850
Oklahoma	74	466	1,620	2,481	2,237	34,071	108,151	107,632
Texas	15,110	21,427	26,315	27,884	1,320,216	3,131,534	4,707,028	5,655,638
Mountain	127,963	122,280	112,231	96,094	10,703,164	11,642,484	11,207,997	12,094,712
Montana	12,997	13,457	13,114	11,935	1,555,480	1,716,792	1,890,671	1,874,520
Idaho	28,371	29,413	28,218	25,383	2,020,280	2,137,237	2,324,571	2,576,580
Wyoming	7,703	7,831	7,130	6,412	1,353,873	1,431,767	1,202,632	1,449,911
Colorado	28,054	27,121	23,355	20,312	2,698,579	2,872,348	2,202,921	2,654,757
New Mexico	14,299	12,691	11,690	8,850	534,640	655,287	649,615	731,835
Arizona	9,634	7,822	6,809	5,391	736,027	903,500	1,177,407	1,152,450
Utah	23,543	21,126	19,406	15,701	1,124,081	1,137,995	1,072,682	1,061,683
Nevada	3,072	2,819	2,509	2,110	674,204	727,498	507,498	542,976
Pacific	118,776	126,504	123,172	112,405	6,602,031	8,451,587	9,316,550	9,928,002
Washington	15,974	16,928	18,844	19,292	520,153	589,035	778,135	1,006,969
Oregon	15,597	17,663	19,826	17,724	1,129,059	1,306,810	1,490,366	1,384,284
California	87,205	90,755	84,502	74,138	4,952,819	6,438,324	7,048,049	7,395,570
Hawaii	n.a.	1,158	n.a.	1,251	n.a.	117,418	n.a.	141,179

n.a. Not available.

¹ Excludes Alaska.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1954, and 1959, Vol. II.

No. 875. FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS: 1962

[Value in thousands of dollars. Detail may not add to State totals; listing includes only projects (and divisions of Mo. River Basin Project) with total irrigable acreage of 25,000 and over. See also headnote, table 876.]

STATE AND PROJECT	FULL IRRIGATION SERVICE LANDS ¹			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE LANDS ¹		
	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value
Total.....	4,384,822	3,529,748	603,666	4,212,524	3,655,988	619,272
Arizona.....	366,941	269,354	96,832	95,846	71,091	20,276
Gila.....	103,449	75,960	17,284			
Salt River.....	238,150	146,286	48,967	95,846	71,091	20,276
Yuma ²	51,936	43,979	29,674			
California.....	760,900	618,352	194,657	1,278,179	979,874	309,151
Boulder Canyon.....	608,530	483,742	170,991			
Cachuma.....	500	64	36	35,146	12,133	8,583
Central Valley.....	36,102	32,488	10,737	1,118,604	860,937	248,184
Klamath ²	80,631	74,284	8,861			
Santa Maria.....				35,200	30,651	20,073
Solano.....				49,706	38,907	10,063
Yuma ²	14,620	10,193	2,678			
Colorado.....	111,122	88,811	10,427	828,103	808,001	86,134
Colorado-Big Thompson.....				720,000	720,000	78,602
Grand Valley.....	34,686	26,859	5,280	7,905	7,389	2,451
Pine River ²				40,516	34,865	1,320
Uncompahgre.....	76,436	61,952	5,147			
Idaho.....	493,253	441,167	53,024	1,095,823	1,034,305	112,777
Boise ²	223,055	195,083	23,404	130,115	125,864	18,630
Minidoka.....	216,680	198,409	21,290	945,659	807,876	93,451
Owyhee ²	33,360	21,440	6,039			
Kansas.....	56,413	33,862	3,501			
Mo. River Basin, Bostwick Division ²	36,413	22,305	2,335			
Montana.....	340,572	267,558	14,010			
Huntley.....	27,423	23,587	1,474			
Lower Yellowstone ²	34,554	29,818	2,995			
Milk River.....	120,237	90,008	3,410			
Sun River.....	91,300	66,265	2,683			
Nebraska.....	269,811	237,203	21,135	124,522	116,275	10,985
Missouri River Basin:						
Bostwick Division ²	22,755	16,827	1,354			
Frenchman-Cambridge Division.....	50,530	40,780	4,031	9,600	8,310	730
Oregon Trail Div., Glendo Unit ²				22,524	20,583	1,859
North Platte ²	171,964	160,425	14,616	14,616	12,398	8,306
Nevada.....	72,427	59,235	3,655	68,371	47,678	3,084
Humboldt.....				30,623	27,771	2,072
Newlands.....	72,427	59,235	3,655			
Truckee Storage.....				28,748	10,907	1,012
New Mexico.....	305,409	204,176	33,314	625	625	34
Carlsbad.....	25,055	20,245	2,761			
Middle Rio Grande.....	121,680	50,974	5,145			
Pine River ²				625	625	34
Rio Grande ²	102,082	86,191	22,683			
Tuolumne.....	41,397	34,532	2,041			
North Dakota.....	30,253	26,128	2,639			
Lower Yellowstone ²	17,696	15,863	1,702			
Oklahoma: W. C. Austin.....	47,809	41,850	4,502			
Oregon.....	345,775	304,895	36,717	120,518	117,794	14,222
Boise ²	1,696	1,433	118			
Deschutes.....	50,000	45,345	6,425	50,900	46,252	2,603
Klamath ²	135,563	119,733	12,162			
Owyhee ²	71,656	66,144	12,608	13,000	12,435	3,540
Rogue River Basin.....				26,856	22,874	5,094
Umatilla.....	17,859	12,536	753	13,748	11,690	1,700
Vale.....	32,000	29,387	2,370			
South Dakota.....	69,292	61,789	2,806	9,410	5,802	188
Belle Fourche.....	57,157	52,102	2,171			
Texas.....	76,114	59,457	15,990	28,950	17,206	3,381
Rio Grande ²	76,114	59,457	15,990	18,342	11,420	2,476
Utah.....	17,269	14,123	1,116	334,868	275,604	24,832
Moon Lake.....				75,256	61,930	1,963
Provo River.....				48,156	42,267	5,280
Strawberry Valley.....	17,269	14,123	1,116	27,302	23,950	2,237
Weber River.....				108,978	89,882	10,086
Washington.....	740,576	582,812	97,452	182,000	151,688	32,036
Columbia Basin.....	452,756	345,637	47,131			
Yakima.....	279,022	230,769	48,945	182,000	151,688	32,036
Wyoming.....	250,886	218,975	11,889	36,300	29,805	2,174
Mo. River Basin:						
Oreg. Trail Div., Glendo Unit ²				8,732	6,042	512
North Platte ²	54,359	53,062	3,376	16,317	14,909	1,283
Riverton.....	55,645	48,432	1,064			
Shoshone.....	93,476	76,382	4,478			

¹ Includes service under Warren Act and special contracts to lands which are usually located outside project proper and largely unclassified as to irrigability.

² Project serves area in 2 States as follows: Yuma—Ariz. and Calif.; Klamath—Calif. and Oreg.; Pine River—Colo. and N. Mex.; Boise and Owyhee—Idaho and Oreg.; Mo. River Basin, Bostwick Div.—Kans. and Nebr.; Lower Yellowstone—Mont. and N. Dak.; Mo. River Basin, Oregon Trail Div. (Glendo Unit)—Nebr. and Wyo.; North Platte—Nebr. and Wyo.; Rio Grande—N. Mex. and Tex.

Reclamation Projects—Drainage Enterprises

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No. 876. FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1909 TO 1962

[In thousands. "Full irrigation service" applies to irrigable land receiving its sole irrigation supply through Bureau-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Bureau; "supplemental and temporary irrigation service" applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from nonproject sources and to land for which water is delivered under temporary arrangements. For 17 Western States included, see table 875]

YEAR	ENTIRE AREA			FULL IRRIGATION SERVICE LANDS			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE LANDS ¹		
	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value
1909	731	411	\$11,921	731	411	\$11,921	—	—	—
1919	2,648	2,104	152,979	1,646	1,194	89,128	1,002	910	\$63,851
1929	3,402	2,718	161,180	1,964	1,497	87,800	1,438	1,221	73,880
1939	3,890	3,141	114,083	2,295	1,752	68,886	1,595	1,389	45,697
1949	5,679	4,821	516,329	3,207	2,646	313,404	2,472	2,175	202,925
1950	6,025	5,077	578,288	3,305	2,716	311,437	2,720	2,361	266,801
1955	7,368	6,262	827,706	3,826	3,163	426,644	3,542	3,099	399,062
1960	8,171	6,900	1,187,529	4,326	3,488	580,486	3,845	3,412	577,043
1961	8,235	6,886	1,111,376	4,359	3,498	567,006	3,875	3,388	544,370
1962	8,597	7,186	1,222,938	4,385	3,530	603,666	4,212	3,656	619,272

¹ Includes service under Warren Act and special contracts to lands which are usually located outside project proper and largely unclassified as to irrigation.

Source: Dept. of the Interior, Bureau of Reclamation; *Crop Report and Related Data, Federal Reclamation Projects*.

No. 877. FARM DRAINAGE—COST FOR ALL DRAINAGE STATES: 1940 TO 1959 [Excludes Alaska and Hawaii]

ITEM	All drainage States, cost (\$1,000)	30 STATES ¹		10 States, cost ² (\$1,000)
		Number of enterprises reporting	Cost (\$1,000)	
Construction and operation and maintenance:				
1940 to 1949	179,034	3,426	110,232	68,802
1950 to 1959	416,876	5,089	291,385	125,491
New drainage works:				
1940 to 1949	23,872	983	16,288	7,584
1950 to 1959	185,689	2,898	147,058	38,636

¹ For 1960 Census, 29 States; largely States with organized drainage districts and other corporate and private enterprises. See text, p. 608. ² Largely county-drain States.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. IV.

No. 878. NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE GROUPS: 1930 TO 1960 [Excludes Alaska and Hawaii]

SIZE GROUP	Number of enterprises, 1960	AREA OF ENTERPRISES (1,000 acres) ¹							
		All drainage States			30 States ²				
		1930	1940	1960	1930	1940	1950	1960	
Total	8,461	128,495	132,828	99,098	41,644	45,207	54,618	47,189	
Under 100 to 499 acres		7,349	9,065		163	244	604		
500 to 999 acres	2,847	11,130	11,235	1,951	910	954	1,098	1,022	
1,000 to 1,999 acres	2,081	{ 14,558	2,881	{ 4,999	{ 1,726	1,962	2,459		
2,000 to 4,999 acres	1,588	34,074	20,511	4,883	3,961	4,102	4,401		
5,000 to 9,999 acres	728	15,865	16,388	5,082	4,485	4,543	4,528	4,631	
10,000 to 19,999 acres	499	{ 16,964	6,963	{ 14,769	{ 6,042	6,004	5,974		
20,000 to 49,999 acres	320	{ 35,076	20,142	9,795	{ 10,048	7,921	7,617		
50,000 to 99,999 acres	152	11,404	10,760	10,631	6,304	6,816	6,085	6,091	
100,000 to 199,999 acres	{ 246	{ 10,219	{ 5,025	{ 10,014	{ 3,794	3,506			
200,000 to 499,999 acres			{ 3,155	{ 2,955	{ 6,676				
500,000 acres and over		3,378	4,124	56,912	4,124	12,172			14,394

¹ Sum of areas in individual enterprises without deduction for area in more than 1 enterprise (overlapped).

² For 1960 Census, 29 States; largely States with organized drainage districts and other corporate and private enterprises. See text, p. 608.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. IV.

No. 879. GROWTH OF CONSERVATION DISTRICTS: 1940 TO 1963

[For years ending June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Beginning 1945, includes wind-erosion districts and grazing districts. Beginning 1950, includes Imperial Irrigation District, California. Beginning 1959, includes Elephant Butte Irrigation District, N. Mex.]

YEAR	DISTRICTS ORGANIZED ¹		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUM ²	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
			Number	Number	1,000 acres	1,000 acres
1940	153	314	101,306	189,752	120	233
1945	232	1,346	120,368	740,859	221	1,204
1950	121	2,285	74,721	1,253,484	133	2,207
1955	56	2,674	43,478	1,484,974	63	2,644
1959	55	2,861	28,650	1,661,968	47	2,814
1960	6	2,867	10,004	1,671,973	23	2,837
1961	33	2,900	17,633	1,689,605	6	2,843
1962	29	2,929	16,174	1,705,780	17	2,860
1963	13	2,942	13,077	1,718,857	38	2,888

¹ Totals at end of each year are net, including corrections and adjustments made during year.

² A basic "memorandum of understanding" is signed for any Dept. of Agriculture assistance; a supplemental memorandum is signed for assistance from the Soil Conservation Service.

Source: Dept. of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*, and unpublished data.

No. 880. SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES AND OTHER AREAS: CUMULATIVE TO JUNE 30, 1963

[See text, p. 608]

STATE OR OTHER AREA	Dis-tricts organized ¹	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS			STATE OR OTHER AREA	Dis-tricts organized ¹	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS		
		Total area	Farms and ranches	Land in farms			Total area	Farms and ranches	Land in farms
Total...	Number 2,942	1,716,587	3,598,731	1,050,991	Mont. ³	63	1,000 acres 91,413	Number 28,738	1,000 acres 62,258
U.S.	2,924	1,718,857	3,653,001	1,049,135	Nebr.	87	1,000 acres 48,412	Number 90,475	1,000 acres 47,589
Ala.	59	32,678	115,610	16,530	N. H.	36	1,000 acres 65,317	Number 3,112	1,000 acres 8,151
Alaska	11	6,005	1,270	1,130	N. J.	14	1,000 acres 5,709	Number 6,542	1,000 acres 1,124
Ariz.	39	57,170	6,617	26,451	N. Y.	47	1,000 acres 26,722	Number 24,979	1,000 acres 75,930
Ark.	76	33,599	95,009	16,475	N. C.	69	1,000 acres 28,601	Number 190,567	1,000 acres 15,886
Calif. ⁴	163	70,155	104,776	26,722	N. Dak.	71	1,000 acres 44,568	Number 55,041	1,000 acres 41,394
Colo.	96	53,927	40,515	33,704	Ohio	87	1,000 acres 24,756	Number 130,236	1,000 acres 18,406
Conn.	8	3,135	8,292	884	Oklta.	87	1,000 acres 762	Number 44,180	1,000 acres 94,675
Del.	3	1,266	5,207	1,266	Oreg.	60	1,000 acres 43,022	Number 50,032	1,000 acres 19,393
Fla.	59	29,378	44,594	14,924	Pa.	61	1,000 acres 27,178	Number 99,204	1,000 acres 11,675
Ga.	27	37,268	106,347	19,664	R.I.	3	1,000 acres 677	Number 1,395	1,000 acres 138
Hawaii	15	3,934	4,262	2,796	S. C.	45	1,000 acres 19,374	Number 78,171	1,000 acres 9,149
Idaho	55	43,846	30,811	14,044	S. Dak.	68	1,000 acres 15,481	Number 28,738	1,000 acres 62,258
Ill.	98	33,191	153,657	30,148	Tenn.	95	1,000 acres 18,418	Number 26,727	1,000 acres 157,688
Ind.	85	20,806	115,199	30,148	Utah	182	1,000 acres 105,900	Number 226,165	1,000 acres 130,626
Iowa	100	33,831	174,707	33,831	Vt.	43	1,000 acres 17,030	Number 51,392	1,000 acres 17,809
Kans.	105	52,526	104,345	50,153	Wash.	13	1,000 acres 10,301	Number 5,931	1,000 acres 12,099
Ky.	121	25,069	150,984	17,030	W. Va.	31	1,000 acres 2,951	Number 25,002	1,000 acres 98,800
La.	26	27,939	73,950	10,301	Wyo.	72	1,000 acres 4,456	Number 40,498	1,000 acres 52,308
Maine	15	16,485	14,540	2,951		14	1,000 acres 1,145	Number 15,411	1,000 acres 44,011
Md.	24	6,319	25,121	3,456		71	1,000 acres 1,142	Number 35,011	1,000 acres 131,215
Mass.	15	5,000	11,145	1,142		46	1,000 acres 13,979	Number 45,457	1,000 acres 10,025
Mich.	80	32,436	105,689	13,979					
Minn.	84	41,256	137,674	29,635					
Miss.	74	30,223	138,142	18,630	P.R.	17	1,000 acres 15,695	Number 2,185	1,000 acres 53,515
Mo.	53	20,706	81,703	15,695	V.I.	1	1,000 acres 85	Number 755	1,000 acres 1,702

¹ For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

² Includes Imperial Irrigation District.

³ Includes 4 grass conservation districts.

⁴ Includes Elephant Butte Irrigation District.

Source: Dept. of Agriculture, Soil Conservation Service; annual report, *Soil Conservation Districts*, and unpublished data.

No. 881. FERTILIZERS—QUANTITIES OF COMMERCIAL FERTILIZERS CONSUMED AND AVERAGE PLANT FOOD CONTENT: 1940 TO 1962

[For years beginning July 1, except as noted. Includes Alaska, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies. See also *Historical Statistics, Colonial Times to 1957*, series K 160]

YEAR	ALL FERTILIZERS				MIXED FERTILIZERS			
	Quantity	Nitro- gen	Phosphoric oxide	Potash	Quantity	Nitro- gen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1940 ¹	8,656	4.8	10.5	5.0	5,513	3.8	9.6	6.5
1950	20,991	5.9	10.0	6.6	13,978	4.2	11.0	9.0
1955	22,194	8.7	10.1	8.4	14,776	5.4	12.1	11.2
1956	22,709	9.4	10.1	8.5	14,703	5.7	12.4	11.4
1957	22,516	10.1	10.2	8.6	14,353	6.0	12.5	11.7
1958	25,308	10.6	10.2	8.7	16,069	6.2	12.7	11.9
1959	24,877	11.0	10.3	8.7	15,650	6.5	13.0	12.1
1960	25,567	11.8	10.3	8.5	15,735	6.8	13.2	12.0
1961	26,615	12.7	10.5	8.5	16,205	7.1	13.7	12.2
1962 (prel.)	28,986	13.5	10.7	8.8	17,270	7.8	14.4	12.6

¹ Calendar year.

Source: Dept. of Agriculture, Agricultural Research Service; unpublished data.

No. 882. ACREAGE TREATED AND MATERIALS DISPENSED BY AIRCRAFT, 1952 TO 1962, AND BY TYPE OF ACTIVITY, 1962

[Excludes Alaska and Hawaii]

YEAR AND TYPE OF ACTIVITY	Acres treated (1,000)	MATERIALS DISPENSED		Flight hours of aircraft employed
		Dry (1,000 lb.)	Liquid (1,000 gal.)	
1952	37,421	736,915	49,298	707,277
1953	39,396	664,689	78,949	722,318
1954	36,969	628,257	90,848	672,226
1955	50,157	755,338	78,431	851,960
1956	51,938	581,688	84,803	802,500
1957	61,255	655,031	95,333	865,800
1959	50,801	592,062	113,086	879,750
1960	51,978	632,022	120,278	889,100
1961	54,978	658,538	140,454	855,177
Total	64,828	709,501	141,269	949,408
Insect control	41,822	141,805	90,094	544,140
Crops, orchards, rangeland, soils	31,008	126,166	81,962	497,296
Forests	2,090	3,064	2,831	6,503
Towns, cities, adjacent areas	7,824	12,575	5,301	40,341
Fertilization	3,958	408,977	3,004	87,471
Defoliation	4,343	14,704	21,841	93,400
Seeding	1,993	133,059	—	44,260
Weed control	8,037	559	15,206	123,987
Brush control	1,719	—	7,116	29,829
Plant disease control	1,051	9,103	3,005	20,336
Rodent control	236	1,047	399	3,298
Other	1,669	247	514	2,687

Source: Federal Aviation Agency; *F.A.A. Statistical Handbook of Aviation, Aircraft in Agriculture, 1961*, and *F.A.A. Survey of Aerial Application Activities in 1962*.

No. 883. MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND INDEBTEDNESS, BY TENURE AND REGION: 1940 TO 1961

[See also *Historical Statistics, Colonial Times to 1957*, series K 53-60]

REGION AND TENURE	FARMS		LAND IN FARMS		VALUE OF FARMS (LAND AND BUILDINGS)		MORTGAGE DEBT		Equity per mortgaged farm	
	Mortgaged farms		Mortgaged farms		Mortgaged farms		Mortgaged farms			
	Total number (1,000)	Percent of total	All farms (1,000 acres)	Acres (1,000)	All farms (mill. dol.)	Amount (mill. dol.)	Total (mill. dol.)	Debt per acre		
U.S., all tenures 1.....	6,097	2,364	38,8	1,060,852	457,374	43,1	32,642	15,874	\$2,786	
1940.....	5,382	2,148	27,5	1,153,565	303,610	26,2	74,705	22,049	\$2,829	
1950.....	4,783	n.a.	1,160,144	346,657	30,1	166,577	36,282	9,066	3,789	
1956.....	3,704	n.a.	1,120,158	360,589	32,2	131,002	48,623	37,1	11,125	
1961.....							12,812	26,3	n.a.	
Full owners.....	3,084	1,278	41,4	382,098	180,462	47,2	15,297	7,887	41,5	
1940.....	3,090	894	28,9	418,970	135,333	32,3	32,690	11,626	\$14,40	
1950.....	2,745	909	33,1	397,214	149,111	37,1	44,007	12,273	38,338	
1956.....	2,116	732	34,6	348,478	138,162	39,6	49,242	21,450	35,626	
1961.....								43,6	26,3	
Part owners (owned portion only).....	615	336	54,7	144,639	93,882	64,9	3,564	2,358	6,596	
1940.....	615	281	52,1	125,204	90,079	59,5	11,440	8,685	4,011	
1950.....	883	368	42,4	261,031	117,087	44,9	18,963	9,087	1,179	
1956.....	883	388	47,9	265,575	136,525	51,4	25,843	14,221	5,012	
1961.....	810							55,0	3,970	
Tenants and managers and rented portion of part-owner farms.....	2,398	749	31,2	534,115	183,040	34,3	14,780	5,628	38,1	
1940.....	1,493	305	20,8	511,291	75,185	15,3	30,574	6,190	20,2	
1950.....	1,170	n.a.	n.a.	501,798	82,459	16,4	36,607	9,700	21,9	
1956.....	778	n.a.	n.a.	506,105	85,902	17,0	55,916	12,952	23,2	
1961.....								23,2	2,948	
The North, all tenures.....	2,580	1,128	43,7	435,088	191,630	44,0	18,909	9,026	47,7	
1940.....	2,683	726	32,0	430,828	124,320	28,2	38,045	11,315	28,7	
1950.....	2,043	n.a.	435,555	141,427	32,5	50,086	17,424	33,5	1,284	
1956.....	1,743	n.a.	421,440	144,850	34,4	60,766	21,558	35,5	2,034	
1961.....								6,129	21,3	
The South, all tenures.....	3,007	1,003	33,4	370,168	163,471	44,2	9,716	4,221	45,7	
1940.....	2,632	586	22,1	338,214	102,633	26,1	22,609	6,122	2,127	
1950.....	2,317	n.a.	n.a.	337,002	111,886	28,9	32,699	10,574	20,7	
1956.....	1,646	n.a.	n.a.	337,448	111,116	31,1	36,974	14,353	24,0	
1961.....								36,9	3,533	
The West, all tenures 1.....	510	233	45,7	255,596	102,273	40,0	5,016	2,626	35,6	
1940.....	402	168	36,4	234,523	76,607	23,6	14,043	4,612	9,41	
1950.....	422	n.a.	n.a.	337,887	95,374	28,3	21,792	8,284	14,123	
1956.....	343	n.a.	n.a.	341,270	104,523	30,6	30,271	12,712	6,676	
1961.....								42,0	3,100	

n.a. Not available. 1 Excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census, and Dept. of Agriculture, Economic Research Service; cooperative report, U.S. Census of Agriculture: 1950, Vol. V, part 4.

Balance Sheet—Farm Debt

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No. 884. BALANCE SHEET OF AGRICULTURE: 1940 TO 1964

[In billions of dollars. As of January 1. Excludes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1960	1961	1962	1963	1964 (Proj.)
Assets	52.9	94.0	131.6	162.7	199.5	199.6	208.0	216.5	226.2
Physical assets:									
Real estate-----	33.6	53.9	75.3	98.2	120.9	131.4	137.4	143.6	152.0
Non-real-estate:									
Livestock ¹ -----	5.1	9.0	12.9	11.2	15.6	15.5	16.4	17.2	
Machinery and motor vehicles-----	3.1	6.3	11.3	16.2	18.6	18.2	18.6	19.3	
Crops stored on and off farms ² -----	2.7	6.7	7.6	9.6	7.8	8.0	8.7	9.1	55.4
Household furnishings and equipment-----	4.2	5.6	8.6	10.0	9.6	8.9	9.1	8.9	
Financial assets:									
Deposits and currency-----	3.2	7.9	9.1	9.4	9.2	8.7	8.8	9.2	
United States savings bonds-----	.2	3.4	4.7	5.0	4.7	4.6	4.5	4.4	
Investments in cooperatives-----	.8	1.2	2.1	3.1	4.1	4.3	4.5	4.8	18.8
Claims	52.9	94.0	131.6	162.7	199.5	199.6	208.0	216.5	226.2
Liabilities									
Real estate debt-----	10.0	8.3	12.5	17.7	23.9	25.2	27.4	30.0	32.8
Non-real-estate debt to—									
Commodity Credit Corporation ³ -----	6.6	4.9	5.6	8.2	12.1	12.8	13.9	15.2	16.7
Other reporting institutions ⁴ -----	.4	.7	1.7	2.2	1.2	1.4	1.9	2.1	2.3
Nonreporting creditors ⁵ -----	1.5	1.6	2.8	4.0	0.7	7.0	7.5	8.5	
Proprietors' equities-----	42.9	85.7	119.1	145.0	175.6	174.4	180.6	186.5	193.4

¹ Beginning 1961, excludes horses and mules.

² Includes all crops held on farms and crops held off farms by farmers as security for Commodity Credit Corporation loans. The latter totaled \$1,129 million on Jan. 1, 1963.

³ Nonrecourse CCO loans secured by crops owned by farmers are included as assets in this balance sheet.

⁴ Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

⁵ Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: Dept. of Agriculture, Economic Research Service; *The Balance Sheet of Agriculture*.

No. 885. DEBTS OF FARM OPERATORS AND LANDLORDS, BY ECONOMIC CLASS OF FARM: 1960

[Excludes Alaska and Hawaii. Estimates based on information obtained from a sample of farms during fall of 1960. For discussion of sampling variability, see source]

ECONOMIC CLASS (value of farm products sold)	All farms (1,000)	FARMS WITH DEBT		OPERATORS WITH DEBT			LANDLORDS WITH DEBT		
		Number (1,000)	Percent of all farms	Number (1,000)	Total debt (mil. dol.)	Debt per farm	Number (1,000)	Total debt (mil. dol.)	Debt per landlord
Total -----	3,253	2,006	61.7	1,898	16,798	\$8,850	481	3,099	\$6,443
Commercial farms-----	2,265	1,529	67.5	1,440	15,165	10,531	428	2,896	6,766
\$50 to \$2,499-----	307	163	53.0	145	303	2,092	34	49	1,439
\$2,500 to \$4,999-----	543	315	58.2	205	1,248	4,230	64	170	2,649
\$5,000 to \$9,999-----	591	411	69.6	300	2,749	7,048	109	474	4,353
\$10,000 to \$19,999-----	490	377	76.8	360	3,929	10,913	123	827	6,725
\$20,000 to \$39,999-----	228	179	78.7	170	3,017	17,746	65	787	12,104
\$40,000 and over-----	100	84	70.4	80	3,919	48,992	83	589	17,854
Other farms-----	988	477	48.3	458	1,033	3,566	53	203	3,834

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. V.

Agriculture—Farms, Land, and Finances

No. 886. FARM INCOME AND EXPENSES: 1940 TO 1963

[In millions of dollars. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 81 and K 122-128]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
Realized gross income-----	11,038	32,482	33,332	37,479	37,934	39,586	40,951	41,737
Cash receipts-----	9,105	28,795	29,785	34,194	34,705	36,407	37,813	38,611
Crops-----	3,469	12,410	13,676	14,056	15,103	15,532	16,064	17,045
Livestock and livestock products-----	4,913	16,102	15,880	18,856	18,009	19,391	20,013	19,880
Government payments-----	723	283	229	682	693	1,484	1,736	1,086
Value of home consumption-----	1,210	2,223	1,806	1,328	1,255	1,174	1,074	1,011
Rental value of dwellings-----	723	1,404	1,741	1,057	1,074	2,005	2,064	2,115
Total expenses of agricultural production-----	6,749	19,297	21,862	26,200	26,242	27,013	28,340	29,219
Current farm operating expense (excluding hired labor)-----	3,732	11,467	12,793	16,065	15,964	16,603	17,729	18,273
Feed purchased-----	998	3,283	3,840	4,808	4,849	5,148	5,520	5,930
Livestock purchased-----	517	2,004	1,530	2,723	2,528	2,766	3,141	2,907
Seed purchased ¹ -----	197	531	577	509	524	536	533	564
Fertilizer and lime-----	306	978	1,256	1,449	1,463	1,526	1,841	1,741
Repairs and operation of capital items ² -----	1,006	2,921	3,423	3,943	3,861	3,794	3,908	4,011
Miscellaneous ³ -----	708	1,750	2,167	2,653	2,736	2,833	2,986	3,120
Depreciation and other consumption of farm capital-----	796	2,736	3,722	4,147	4,137	4,000	4,144	4,224
Taxes on farms-----	451	919	1,149	1,437	1,549	1,611	1,668	1,789
Interest on farm mortgage debt-----	293	264	405	530	636	685	758	848
Wages paid hired farm labor ⁴ -----	1,029	2,678	2,736	2,960	2,949	3,001	2,978	2,965
Net rent to nonfarm landlords-----	448	1,233	1,057	1,011	1,007	1,023	1,033	1,120
Realized net income of farm operators from farming-----	4,289	13,185	11,470	11,279	11,692	12,573	12,611	12,518
Adjustment for inventory changes-----	+281	+815	+297	+92	+329	+341	+596	+497
Total net income of farm operators from farming-----	4,570	14,000	11,767	11,371	12,021	12,914	13,207	13,015

¹ Includes bulbs, plants, and trees.

² Includes expenditures for repairs and maintenance of farm buildings; petroleum fuel and oil; other motor-vehicle operation, and repairs on other machinery.

³ Includes short-term interest, pesticides, ginning, electricity and telephones (business share), livestock marketing charges (excluding feed and transportation), containers, irrigation, grazing, milk hauling (beginning 1950), binding materials, tolls for syrup, horses and mules, harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), and miscellaneous dairy, nursery, greenhouse, apairy and other supplies.

⁴ Includes cash wages, perquisites, and Social Security taxes paid by employers.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

No. 887. FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS OF CROPS AND OF LIVESTOCK AND PRODUCTS: 1940 TO 1963

[In millions of dollars. Excludes Alaska and Hawaii]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
Farm marketings-----	8,382	28,512	29,556	33,512	34,012	34,886	35,921	36,248
All crops-----	3,469	12,410	13,676	14,656	15,103	15,495	15,935	16,706
Cotton (lint and seed)-----	638	2,434	2,568	2,647	2,340	2,450	2,576	2,846
Tobacco-----	242	1,061	1,225	1,060	1,154	1,325	1,316	1,252
Food grains-----	479	1,941	1,991	2,250	2,460	2,487	2,429	2,445
Oilbearing crops-----	126	936	1,130	1,280	1,364	1,647	1,752	2,038
Feed crops-----	600	2,143	2,542	2,779	3,025	2,779	3,013	2,986
Vegetables-----	559	1,347	1,558	1,690	1,845	1,747	1,853	1,838
Fruits and tree nuts-----	446	1,311	1,408	1,618	1,576	1,670	1,652	1,659
Sugar crops-----	79	205	200	250	251	271	283	414
Other ¹ -----	300	1,032	1,054	1,082	1,088	1,113	1,161	1,228
All livestock and products-----	4,913	16,102	15,880	18,856	18,909	19,391	19,986	19,542
Hogs-----	836	3,214	2,709	2,784	2,869	3,136	3,146	7,816
Cattle and calves-----	1,375	5,680	5,174	7,834	7,388	7,555	3,154	3,006
Sheep and lambs-----	180	337	316	334	327	302	322	297
Wool-----	108	130	89	114	108	109	116	115
Dairy products-----	1,621	3,719	4,222	4,603	4,740	4,905	4,844	4,805
Poultry and eggs-----	828	2,839	3,196	2,982	3,282	3,186	3,223	3,319
Other ² -----	67	133	174	205	195	198	181	184

¹ Greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

² Horses, mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

Farm Income

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No. 888. FARM INCOME—CASH RECEIPTS, 1962 AND 1963, AND PRINCIPAL COMMODITIES IN ORDER OF CASH RECEIPTS, 1962, BY STATES

[In millions of dollars. Cattle include calves, and sheep include lambs]

STATE	1962	1963			Principal commodities in order of cash receipts, 1962	
		Farm marketings		Gov't payments		
		Total	Crops			
U.S. ¹	35,921.2	36,248.0	16,706.0	19,542.0	1,685.6	Cattle, dairy prod., hogs, cotton lint.
N.E.	683.7	693.8	218.1	475.7	7.2	Broilers, potatoes, dairy prod., eggs.
Maine	189.5	193.6	68.0	125.6	3.3	Dairy prod., eggs, broilers, apples.
N.H.	55.1	55.5	11.1	44.4	.7	Dairy prod., cattle, eggs, forest prod.
Vt.	126.2	126.4	14.0	112.4	1.8	Dairy prod., eggs, greenhouse-nursery, cranberries.
Mass.	150.9	153.2	63.5	89.7	.6	Dairy prod., greenhouse-nursery, eggs, potatoes.
R.I.	20.4	20.9	8.2	12.7	.1	Dairy prod., eggs, tobacco, greenhouse-nursery.
Conn.	141.6	144.2	53.3	90.9	.7	
M.A.	1,930.1	1,923.8	586.6	1,337.2	42.4	Dairy prod., cattle, eggs, greenhouse-nursery.
N.Y.	861.1	862.7	250.6	612.1	18.7	Dairy prod., eggs, greenhouse-nursery.
N.J.	279.7	275.4	133.2	142.2	4.1	Dairy prod., eggs, greenhouse-nursery, tomatoes.
Pa.	789.3	785.7	202.8	582.9	19.6	Dairy prod., eggs, cattle, greenhouse-nursery.
E.N.C.	6,298.5	6,325.2	2,520.7	3,804.5	303.8	Dairy prod., cattle, hogs, soybeans.
Ohio	1,038.3	1,056.1	432.8	623.3	50.1	Hogs, cattle, soybeans, corn.
Ind.	1,200.1	1,233.4	540.7	602.7	66.7	Cattle, hogs, corn, soybeans.
Ill.	2,197.5	2,183.9	1,060.5	1,233.4	104.3	Dairy prod., cattle, wheat, dry beans.
Mich.	744.8	749.3	347.9	401.4	36.8	Dairy prod., cattle, hogs, eggs.
Wis.	1,117.3	1,102.5	138.8	963.7	45.9	
W.N.C.	9,105.6	8,856.5	3,033.2	5,823.3	695.7	Cattle, dairy prod., hogs, corn.
Minn.	1,457.7	1,439.0	418.2	1,020.8	101.4	Cattle, hogs, corn, soybeans.
Iowa	2,600.8	2,531.5	613.1	918.4	151.8	Cattle, hogs, soybeans, dairy prod.
Mo.	1,142.3	1,166.3	438.1	728.2	82.7	Wheat, cattle, barley, flaxseed.
N.D.	637.2	616.1	423.9	192.2	80.4	Cattle, hogs, wheat, corn.
S.D.	671.4	635.8	157.3	478.5	60.1	Cattle, corn, hogs, wheat.
Neb.	1,268.5	1,213.0	422.1	701.8	105.9	Cattle, corn, hogs, wheat.
Kans.	1,327.7	1,253.9	560.5	693.4	112.4	Cattle, wheat, hogs, sorghum grain.
S.A.	4,190.4	4,257.0	2,525.3	1,733.5	119.6	Broilers, soybeans, dairy prod., corn.
Del.	109.6	114.1	34.8	79.3	1.9	Broilers, dairy prod., cattle, tobacco.
Md.	287.3	292.2	95.1	197.1	5.2	Tobacco, dairy prod., cattle, eggs.
Va.	501.2	468.9	215.8	253.1	14.3	Cattle, dairy prod., broilers, eggs.
W. Va.	103.5	99.4	22.2	77.2	3.7	Tobacco, broilers, eggs, dairy prod.
N.C.	1,158.7	1,154.0	806.4	347.6	31.8	Tobacco, cotton lint, eggs, dairy prod.
S.C.	398.8	380.6	278.8	110.8	18.6	Tobacco, cotton lint, eggs, dairy prod.
Ga.	797.4	857.9	402.9	455.0	32.0	Broilers, cotton lint, eggs, tobacco.
Fla.	835.9	880.9	667.5	213.4	12.1	Oranges, dairy prod., cattle, greenhouse-nursery.
E.S.C.	2,403.3	2,586.2	1,346.8	1,239.4	99.7	
Ky.	622.9	634.2	318.2	316.0	32.4	Tobacco, cattle, dairy prod., hogs.
Tenn.	531.8	556.9	281.3	275.6	28.2	Cattle, cotton lint, dairy prod., tobacco.
Ala.	551.9	600.9	262.5	344.4	20.9	Cotton lint, broilers, cattle, eggs.
Miss.	696.7	788.2	484.8	303.4	18.2	Cotton lint, cattle, broilers, dairy prod.
W.S.C.	4,334.9	4,532.9	2,617.2	1,915.7	225.0	
Ark.	775.1	862.8	562.0	300.8	14.5	Cotton lint, soybeans, broilers, rice.
La.	432.3	493.7	320.9	163.8	16.8	Cotton lint, cattle, rice, dairy prod.
Okl.	660.6	677.1	288.7	388.4	53.5	Cattle, wheat, dairy prod., cotton lint.
Tex.	2,406.9	2,499.3	1,436.6	1,062.7	140.2	Cotton lint, cattle, sorghum grain, dairy prod.
Mt.	2,636.0	2,616.8	1,150.1	1,466.7	130.3	
Mont.	400.0	404.8	212.9	191.9	26.4	Cattle, wheat, barley, dairy prod.
Idaho	429.0	446.8	251.7	195.1	21.0	Cattle, wheat, potatoes, dairy prod.
Wyo.	161.9	159.3	34.3	125.0	9.8	Cattle, sheep, wool, wheat.
Colo.	669.6	628.1	197.7	430.4	43.3	Cattle, wheat, sheep, dairy prod.
N. Mex.	270.1	261.3	97.9	163.4	15.5	Cattle, cotton lint, dairy prod., sorghum grain.
Ariz.	494.2	506.2	309.5	196.7	4.7	Cattle, cotton lint, lettuce, dairy prod.
Utah	165.9	164.7	36.9	127.8	8.6	Cattle, dairy prod., turkeys, sheep.
Nev.	45.3	45.6	9.2	36.4	1.0	Cattle, dairy prod., hay, sheep.
Pac.	4,339.0	4,455.8	2,709.8	1,746.0	61.9	
Wash.	575.0	599.7	388.7	211.0	18.3	Wheat, dairy prod., cattle, apples.
Oreg.	435.8	425.7	234.9	190.8	13.4	Cattle, wheat, dairy prod., greenhouse-nursery.
Calif.	3,328.2	3,430.4	2,086.2	1,344.2	32.2	Cattle, dairy prod., cotton lint, eggs.

¹ Excludes Alaska and Hawaii.

No. 889. INDEXES OF FARM PRICES, BY MAJOR GROUPS OF PRODUCTS: 1940 TO 1963
 [1910-14=100. Excludes Alaska and Hawaii. Indexes cover 55 major farm products. See also *Historical Statistics, Colonial Times to 1957*, series K 129-138]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
Prices received by farmers:								
All farm products ¹	100	258	232	240	238	240	243	241
Crops ¹	90	233	231	221	222	227	230	238
Food grains	84	224	228	202	203	209	226	224
Feed grains and hay	85	193	188	156	151	151	153	164
Tobacco	134	402	437	506	500	526	530	496
Cotton	83	252	272	267	254	261	270	270
Fruits	81	194	202	215	242	247	220	279
Commercial vegetables	122	211	223	235	223	219	244	238
Oil-bearing crops	103	276	249	219	214	257	248	258
Livestock ¹	109	280	234	256	253	251	255	244
Meat animals	108	340	246	313	296	299	310	289
Dairy products	120	249	247	257	259	259	253	252
Poultry and eggs	98	186	191	143	160	146	145	145
Prices paid by farmers:								
All commodities ²	124	256	276	298	300	301	307	312
Living and production	122	246	250	275	275	276	280	283
Living ³	121	246	270	288	290	291	294	298
Production ⁴	123	246	251	266	265	266	270	273
Interest payable per acre	102	89	136	200	220	240	266	207
Taxes payable per acre	189	320	403	532	578	620	657	690
Wage rates for hired farm labor ⁵	129	425	516	612	631	641	660	677
Parity ratio ⁶	81	101	84	81	80	79	79	78

¹ Includes products not shown separately. ² Prices paid, including interest, taxes, and wage rates.

³ All commodities bought for use in family maintenance. ⁴ All commodities bought for use in production.

⁵ Simple average of quarterly indexes seasonally adjusted.

⁶ Ratio of prices received to prices paid, including interest, taxes, and wage rates.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 890. FARM MARKETINGS, BY PRICE SUPPORT STATUS: 1950 TO 1963

[In millions of dollars. Excludes Alaska and Hawaii]

CROPS	TOTAL MARKET SALES				PERCENT DISTRIBUTION			
	1950	1955	1960	1963	1950	1955	1960	1963
Total	28,512	29,556	34,012	36,248	100.0	100.0	100.0	100.0
Under price support	12,205	13,564	15,196	16,624	42.8	45.9	44.7	45.9
Under mandatory support	10,426	11,520	12,811	13,482	36.6	39.0	37.7	37.2
Basic commodities	6,563	7,194	7,696	8,129	23.0	24.3	22.6	22.4
Cotton	2,143	2,324	2,116	2,582	7.5	7.9	6.2	7.0
Wheat	1,732	1,698	2,195	2,071	6.1	5.7	6.5	5.7
Corn	1,232	1,507	1,817	1,710	4.3	5.1	5.3	4.7
Tobacco	1,061	1,225	1,154	1,252	3.7	4.1	3.4	3.4
Rice	189	270	244	349	0.7	0.9	0.7	1.0
Peanuts	206	170	170	215	0.7	0.6	0.5	0.6
Nonbasic commodities	3,863	4,328	5,115	5,353	13.6	14.7	15.1	14.8
Dairy products	3,719	4,222	4,740	4,805	13.0	14.3	13.9	13.3
Wool	130	89	108	115	0.5	0.3	0.3	0.3
Mohair	10	14	22	23	(1)	(1)	0.1	0.1
Tung nuts	4	1	3	4	(1)	(1)	(1)	(1)
Sugar beets			190	288			0.6	0.8
Sugarcane			52	118			0.2	0.3
Under nonmandatory support	1,779	2,044	2,385	3,142	6.2	6.9	7.0	8.7
Soybeans	596	832	1,125	1,734	2.1	2.8	3.5	4.8
Cottonseed	290	244	225	314	1.0	0.8	0.6	0.9
Oats	229	246	199	163	0.8	0.8	0.6	0.4
Barley	194	238	247	260	0.7	0.8	0.7	0.7
Dry beans	112	124	130	143	0.4	0.4	0.4	0.4
Flaxseed	130	127	67	85	0.5	0.4	0.2	0.2
Sorghum grain	209	211	372	418	0.7	0.7	1.1	1.2
Rye	18	22	20	25	0.1	0.1	0.1	0.1
Not under price support	16,307	15,993	18,816	19,624	57.2	54.1	55.3	54.1

¹ Less than 0.05 percent.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

Prices Received—Commodity Credit

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No. 891. PRICES RECEIVED AND PARITY PRICES FOR SELECTED FARM PRODUCTS: 1964 [Excludes Alaska and Hawaii]

COMMODITY	UNIT	Adjusted base price ¹	Average price, March 15	Parity price based on data for March ²	Average price as percentage of parity, March
Basic commodities:					
Cotton, American upland	Ct. per lb.	13.03	30.68	40.78	75
Wheat	Dol. per bu.	.805	1.85	2.52	73
Rice	Dol. per cwt.	2.03	5.17	6.35	81
Corn	Dol. per bu.	.498	1.11	1.50	71
Peanuts	Ct. per lb.	8 4.52	11.4	14.1	81
Designated nonbasic commodities:					
Milkfat, in cream	Ct. per lb.	24.7	58.7	77.3	76
All milk, wholesale	Dol. per cwt.	1.72	4.14	5.88	878
Wool	Ct. per lb.	8 25.4	6 52.5	79.5	866
Other nonbasic commodities:					
Barley	Dol. per bu.	.393	.902	1.23	73
Beans, dry edible	Dol. per cwt.	2.08	6.85	9.33	73
Cottonseed	Dol. per ton	3 20.10	46.30	62.90	74
Flaxseed	Dol. per bu.	1.22	2.85	3.82	75
Oats	Dol. per bu.	.269	.631	.842	75
Rye	Dol. per bu.	.440	1.07	1.38	78
Sorghum grain	Dol. per cwt.	.780	1.75	2.44	72
Soybeans	Dol. per bu.	.967	2.55	3.08	84
Potatoes	Dol. per cwt.	8 1.747	4 1.74	2.34	74
Sweetpotatoes	Dol. per cwt.	1.83	5.29	5.73	92
Grapefruit ⁷	Dol. per box	3.432	4 2.34	1.35	173
Lemons ⁷	Dol. per box	3.722	4 1.75	2.26	77
Limes ⁷	Dol. per box	8 1.17	4 4.25	3.68	116
Oranges ⁷	Dol. per box	8 1.03	4 3.54	3.22	110
Tangerines ⁷	Dol. per box	8 384	-----	2.77	-----
Apples, for fresh use ⁸	Dol. per bu.	.988	2.46	3.09	80
Beef cattle	Dol. per cwt.	7.88	18.60	24.70	75
Calves	Dol. per cwt.	9.00	23.30	28.20	83
All chickens, live	Ct. per lb.	7.22	14.0	22.6	62
Eggs ⁹	Ct. per doz.	15.0	34.1	47.0	872
Hogs	Dol. per cwt.	6.93	14.10	21.70	65
Lambs	Dol. per cwt.	7.88	19.80	24.70	80
Turkeys, live	Ct. per lb.	10.4	21.5	32.6	66

¹ Adjusted base price 1910-14 derived from 120-month, January 1954-December 1963, average by dividing by 241 percent, the 120-month average of the index of prices received by farmers, unless otherwise noted.

² These parity prices are the legally applicable parity prices for April 1964.

³ Adjusted base price 1910-14 derived from 10-season average prices 1954-63.

⁴ Monthly average. ⁵ Seasonally adjusted price as percentage of parity price.

⁶ Average local market price excluding incentive payment.

⁷ Equivalent on-tree returns for all methods of sale.

⁸ Equivalent packing-house-door returns for Pacific Coast States and prices as sold for other States.

⁹ Average of all eggs sold by farmers, including hatching eggs and eggs sold at retail.

Source: Dept. of Agriculture, Statistical Reporting Service; *Agricultural Prices*.

No. 892. COMMODITY CREDIT CORPORATION—SUMMARY: 1955 TO 1963 [In millions of dollars. As of June 30 or for years ending June 30. Beginning 1960 includes Alaska. See also headnote, table 893]

ITEM	1955	1956	1957	1958	1959	1960	1961	1962	1963
Loans made	2,377	3,024	2,445	2,135	3,543	1,507	1,814	2,662	3,070
Loans outstanding (book value)	2,137	2,319	1,994	1,600	2,480	1,347	1,523	2,255	2,602
Cost of acquisitions ¹	2,985	3,150	3,086	2,999	2,802	4,020	3,066	1,969	2,771
Value of commodities owned ¹	4,572	5,384	4,738	4,703	5,259	6,021	5,563	4,474	4,726
Sales and donations ¹	1,869	2,362	3,716	3,031	2,240	3,261	3,516	3,227	2,617
Price support commodities, storage and handling expenses	235	310	314	327	371	476	427	393	377
Wheat	130	152	143	131	145	191	166	156	145
Corn	39	60	101	121	122	138	132	118	93
Other	66	98	70	75	104	147	129	119	139
Resealloan storage expense ¹	20	17	21	22	31	53	48	71	76
Wheat	2	3	-----	2	4	10	11	11	8
Corn	16	11	20	19	22	24	20	51	59
Other	2	3	1	1	5	19	8	9	9

¹ Price support commodities only. Data comparable for all years; take into account changes effective July 1, 1961, in accounting policy with respect to inventory cost.

Source: Dept. of Agriculture, Agricultural Stabilization and Conservation Service; unpublished data.

No. 893. COMMODITY CREDIT CORPORATION—TOTAL LOANS MADE, 1933–1963; AND LOANS OUTSTANDING, INVENTORIES, AND COST OF ACQUISITIONS, 1963

[Beginning 1960, includes Alaska. The Commodity Credit Corporation (CCC), established in 1933, is the financial organization through which farm price support is carried out by loans, purchases, and other operations. Programs now carried on by CCC include price support, storage facilities, supply, foreign purchase, commodity export, International Wheat Agreement, and other programs specifically authorized by Congress]

COMMODITY	1933–1963				1963		
	Loans made, ¹ cumulative		Realized program gains or losses ² (-)	Loans outstanding ³ (book value)	Cost of acquisitions ⁴	Inventories of commodities owned ⁵	
	Quantity	Amount				Quantity ⁶	Cost
	Unit	Pledged					
Total		1,000	\$1,000	\$1,000	\$1,000	1,000	\$1,000
		39,327,138	-11,400,634	2,601,837	2,770,582		4,725,923
Barley	Bu.	807,634	743,752	-191,407	16,049	20,652	46,976
Beans, dry	Cwt.	47,137	332,863	-105,084	32	10,022	1,168
Corn	Bu.	6,538,588	7,576,651	-2,526,414	1,044,134	708,852	492,124
Cotton	Bale	87,855	11,161,141	-1,068,448	750,834	566,082	4,151
Eggs	Lb.		-189,699				
Fiber flax	Lb.	2,579	1,237	-397			
Flour, cornmeal, and related grain products	Lb.			-726,456		147,660	4,854
Fruit, dried	Lb.			-14,882			
Grapefruit juice	Lb.			-1,732			
Honey	Lb.	36,361	3,015	-897	79	139	
Milk and milk products:							
Butter	Lb.	127,166	32,156	-901,866		206,481	370,846
Butter oil	Lb.						90,959
Cheese	Lb.			-513,577		44,883	51,420
Milk, dried	Lb.			-1,200,006		185,577	19,300
Milk, fluid	Lb.			-180,965		24,815	706,776
Whey	Lb.	91,439	3,968	-3,584			104,268
Naval stores:							
Rosin	Lb.	2,370,541	116,348		{ 19,786		
Turpentine	Gal.	51,912	20,870		} 1,187		826
Oats	Bu.	494,794	315,204	-88,935	12,582	4,183	18,623
Oilseeds and products:							
Castor beans	Lb.			-171			
Cotton linters	Lb.						
Cottonseed	Ton.	17	808				
Cottonseed meal	Lb.			-117,498			
Cottonseed oil, crude	Lb.					977	
Cottonseed oil, refined	Lb.					1,235	
Flaxseed	Bu.	89,510	282,942	-169,585	{ 332	16,867	1,268
Linseed oil	Lb.					5,327	220
Peanuts	Ton.	3,148	593,427	-227,067	17	46,295	37
Peanut butter	Lb.			-11,028			12,203
Soybeans	Bu.	675,751	1,430,112	-27,363	61,498	18,960	3,182
Hemp and hemp fiber	Lb.			-21,459			
Hops	Lb.	7,077	1,388	-954			
Olive oil	Gal.	1,046	2,611	-578			
Peas, dry	Cwt.	846	2,705	-824			
Potatoes, Irish	Cwt.	156,175	165,568	-478,583			
Potatoes, sweet	Cwt.	77	150	-135			
Rice	Cwt.	97,043	489,339	-213,048	224	19,621	1,810
Rye	Bu.	69,054	66,915	-22,886	208	1,398	1,563
Seeds, miscellaneous	Lb.	453,228	62,529	-38,717			
Sorghum, grain	Bu.	1,743,453	1,890,698	-733,225	26,386	249,473	633,413
Sugar	Lb.			-16,493			695,687
Tobacco	Lb.	3,959,581	2,189,647	-32,149	437,433	10,228	
Tung oil	Lb.	154,855	34,153	-4,734	177		
Vegetable oil products	Lb.			-70,893		27,395	17,362
Wheat	Bu.	6,561,703	11,431,757	-1,372,731	160,857	453,778	2,167,741
Wool	Lb.	322,641	150,438	-115,963			
Other			258,846	-6,388	71,209		12,238

¹ Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

² Price Support Program only. Net results of other selected programs: Commodity Export Program, 1.6 billion dollar loss; Special Feed Grain and Wheat Programs, 2.1 billion dollar loss; Wartime Consumer Subsidy Program, 2.1 billion dollar loss; Supply and Foreign Purchase Programs, 372 million dollar gain; National Wool Act payments, 422 million dollar loss; and Emergency Feed Program, 262 million dollar loss.

³ As of June 30.

⁴ For year ending June 30. Cost of acquisitions of agricultural commodities comprises purchases under price-support, and acquisitions in settlement of price-support loans.

⁵ For unit of quantity, see first column.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*, and unpublished data.

No. 894. FARM-RETAIL SPREADS FOR FARM-ORIGINATED FOOD PRODUCTS BY COMMODITY GROUP: 1947 TO 1963

[In dollars, except as indicated. Excludes Alaska and Hawaii. These estimates are for a market basket of farm-originated food products containing annual quantities purchased in 1952 per urban wage earner or clerical worker family. Quantities of food valued do not change from year to year. See *Historical Statistics, Colonial Times to 1957*, series T 352-355, for totals]

COMMODITY GROUP AND VALUE	1947- 1949, average	1950	1955	1959	1960	1961	1962	1963 (prel.)
All farm food products:								
Retail cost ¹	940	920	969	1,040	1,053	1,060	1,068	1,078
Farm value adjusted for byproducts ²	466	432	395	398	407	406	409	394
Farm-retail spread ³	474	488	574	642	646	654	659	684
Farmer's share of consumer's dollar ⁴ (percent)	50	47	41	38	39	38	38	37
Meat products:								
Retail cost ¹	256	264	241	281	276	278	284	278
Farm value adjusted for byproducts ²	171	173	129	147	143	142	150	133
Farm-retail spread ³	85	91	112	134	133	136	134	145
Farmer's share of consumer's dollar ⁴ (percent)	67	65	54	52	52	51	58	48
Dairy products:								
Retail cost ¹	169	164	181	195	200	202	200	200
Farm value adjusted for byproducts ²	92	83	84	87	89	90	88	87
Farm-retail spread ³	77	81	97	108	111	112	112	113
Farmer's share of consumer's dollar ⁴ (percent)	54	50	46	45	45	45	44	44
Poultry and eggs:								
Retail cost ¹	117	105	104	86	90	87	86	86
Farm value adjusted for byproducts ²	81	69	68	50	56	52	52	51
Farm-retail spread ³	36	37	36	36	34	35	34	35
Farmer's share of consumer's dollar ⁴ (percent)	69	65	66	59	62	60	60	60
Bakery and cereal products:								
Retail cost ¹	122	127	149	161	165	168	170	173
Farm value adjusted for byproducts ²	35	31	32	28	28	30	31	31
Farm-retail spread ³	87	96	117	133	136	138	139	142
Farmer's share of consumer's dollar ⁴ (percent)	29	24	21	17	17	18	18	18
Fruits and vegetables:								
Retail cost ¹	185	180	210	231	237	238	239	253
Farm value adjusted for byproducts ²	61	56	62	68	71	76	69	72
Farm-retail spread ³	124	124	148	163	166	168	170	181
Farmer's share of consumer's dollar ⁴ (percent)	33	31	29	29	30	30	29	29
Fats and oils:								
Retail cost ¹	52	42	43	43	41	43	43	42
Farm value adjusted for byproducts ²	20	15	13	11	11	14	11	11
Farm-retail spread ³	32	27	30	32	30	29	32	31
Farmer's share of consumer's dollar ⁴ (percent)	38	35	31	25	27	32	26	27
Miscellaneous:								
Retail cost ¹	39	38	41	44	44	45	45	47
Farm value adjusted for byproducts ²	7	7	7	7	7	7	7	8
Farm-retail spread ³	32	31	34	36	37	38	38	39
Farmer's share of consumer's dollar ⁴ (percent)	18	17	17	17	17	16	17	17

¹ Calculated from retail prices collected by the Bureau of Labor Statistics.

² Calculated by multiplying quantities equivalent to retail purchases by official estimates of prices received by farmers, and subtracting imputed value of byproducts obtained in processing.

³ Equals difference between retail cost and farm value.

⁴ Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*, and *The Marketing and Transportation Situation*, February 1964.

No. 895. FARM-OPERATOR LEVEL-OF-LIVING INDEX, BY GEOGRAPHIC DIVISIONS: 1950 AND 1959

[U.S. average, 1959=100. Excludes Hawaii. Based on percent of farms with telephones, home freezers, and automobiles; average value of land and buildings per farm; and average value of sales per farm. These indexes are not comparable with any previously published]

YEAR	United States	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1950-----	59	73	76	77	76	38	30	47	71	83
1959-----	100	108	114	115	114	81	68	91	122	131

Source: Dept. of Agriculture, Economic Research Service; *Farm Operator Level of Living Indexes for Counties of the United States, 1950 and 1959*, 1962. Statistical Bulletin No. 321.

NO. 896. FARM FACILITIES AND LEVEL-OF-LIVING INDICATORS OF FARM-OPERATOR FAMILIES, 1920 TO 1959, AND BY STATES, 1959

[In thousands except percent. Beginning 1950, based on reports for a sample of farms. For composition of regions, see fig. I, p. XII]

YEAR AND STATE	MOTOR TRUCKS ON FARMS		AUTOMOBILES ON FARMS		TRACTORS ON FARMS		PERCENT OF FARMS REPORTING AS HAVING		
	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Telephone	Home food freezer	Other income, excl. value of farm sales
1920 ¹	132	139	1,980	2,146	229	246	38.7	n.a.	n.a.
1930	845	900	3,650	4,135	851	920	34.0	n.a.	n.a.
1940 ¹	944	1,047	3,542	4,144	1,410	1,567	25.0	n.a.	n.a.
1950 ¹	1,840	2,207	3,390	4,199	2,525	3,609	38.2	12.1	n.a.
1954 ¹	2,213	2,703	3,392	4,263	2,876	4,092	48.8	n.a.	n.a.
1959									
U.S.	2,177	2,834	2,957	3,635	2,680	5,139	65.0	55.8	35.3
The North	1,055	1,314	1,545	1,934	1,504	3,124	80.8	63.2	28.1
The South	856	1,046	1,108	1,288	904	1,425	45.3	46.5	43.2
The West	266	474	304	413	272	591	80.5	62.7	39.5
New England	38	59	48	61	42	78	87.5	55.9	42.4
Maine	12	17	14	17	12	20	82.2	52.7	47.7
New Hampshire	5	7	5	7	5	8	85.4	57.5	52.6
Vermont	8	10	10	13	10	18	88.5	60.3	30.9
Massachusetts	7	12	9	12	8	15	94.1	51.8	42.2
Rhode Island	1	2	1	2	1	2	92.7	45.4	35.9
Connecticut	6	11	7	10	6	14	96.7	62.4	41.3
Middle Atlantic	117	159	173	225	171	354	86.4	66.2	38.8
New York	47	66	73	93	73	156	90.1	65.4	34.8
New Jersey	12	21	13	19	12	30	93.6	57.3	33.4
Pennsylvania	58	71	86	113	86	168	82.3	68.2	43.0
East North Central	390	450	606	759	592	1,237	81.3	67.0	33.6
Ohio	70	82	125	162	120	243	81.1	64.3	42.2
Indiana	76	88	114	140	110	225	83.1	69.5	38.2
Illinois	100	114	142	173	138	321	82.9	69.9	23.4
Michigan	64	76	102	131	102	194	80.1	64.3	45.5
Wisconsin	81	91	123	153	122	254	79.1	66.3	22.0
West North Central	510	646	718	889	699	1,455	78.4	59.8	19.7
Minnesota	87	103	136	171	134	287	78.4	63.5	18.4
Iowa	92	100	166	205	159	343	91.7	65.9	13.0
Missouri	96	110	134	151	128	218	66.3	49.7	37.3
North Dakota	48	75	51	67	52	125	65.8	68.5	8.0
South Dakota	39	52	52	66	51	118	72.1	62.8	10.2
Nebraska	64	83	85	110	82	180	80.4	63.2	10.8
Kansas	83	122	95	119	92	184	83.9	52.0	23.2
South Atlantic	286	349	417	493	331	512	44.9	48.0	43.1
Delaware	4	5	5	6	5	9	87.9	64.4	32.9
Maryland	16	21	22	28	21	43	80.1	62.3	41.2
Virginia	48	58	65	78	56	92	50.4	42.4	45.1
West Virginia	21	25	27	31	22	32	50.2	37.9	64.7
North Carolina	81	91	134	154	107	151	35.4	48.2	33.9
South Carolina	33	39	56	66	35	51	35.3	45.5	42.3
Georgia	61	73	76	88	63	93	44.5	53.3	44.8
Florida	24	36	33	42	23	40	61.2	50.6	50.1
East South Central	252	287	343	389	265	381	40.1	40.7	42.3
Kentucky	66	75	102	117	81	113	45.2	36.8	37.6
Tennessee	69	77	101	114	79	110	51.1	42.1	43.3
Alabama	55	63	67	76	54	71	34.4	41.6	47.0
Mississippi	61	71	73	82	53	87	26.7	42.6	42.3
West South Central	318	411	348	406	308	531	51.9	51.3	44.2
Arkansas	59	73	52	58	50	89	32.4	42.4	43.1
Louisiana	39	47	48	55	34	56	52.3	62.9	53.1
Oklahoma	70	93	72	83	67	109	61.3	48.0	42.1
Texas	150	198	177	211	157	278	56.0	52.7	42.6
Mountain	124	225	128	171	122	276	72.8	65.7	29.7
Montana	26	53	26	35	26	65	66.5	73.8	19.8
Idaho	27	44	30	38	29	62	81.6	66.7	29.6
Wyoming	9	16	8	11	8	22	66.4	68.8	21.9
Colorado	29	52	30	40	28	66	78.4	66.4	25.5
New Mexico	12	20	11	14	9	18	42.9	54.7	36.3
Arizona	6	17	6	10	5	14	69.7	63.1	39.6
Utah	14	19	16	20	14	24	87.2	58.7	46.6
Nevada	2	5	2	3	2	5	73.1	65.1	40.9
Pacific	142	248	176	242	150	315	86.2	60.5	46.8
Washington	37	60	46	61	43	78	85.5	61.1	50.1
Oregon	30	49	37	47	35	71	84.4	64.4	50.7
California	71	131	87	127	71	161	88.4	60.0	42.2
Alaska	(2)	1	(2)	(2)	(2)	1	52.6	66.8	53.1
Hawaii	3	8	4	6	2	4	70.2	37.3	64.0

n.a. Not available.

¹ Excludes Alaska and Hawaii. ² Less than 500.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

Farm Income and Expenditures—Machinery

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No. 897. INCOME OF FARM-OPERATOR FAMILIES FROM SOURCES OTHER THAN FARM OPERATED: 1955 AND 1960

[Excludes Alaska and Hawaii. Data are estimates based on reports for only a sample of farms]

SOURCE OF INCOME	F FARMS REPORTING AS PERCENT OF ALL FARMS		AMOUNT (mil. dol.)		AVERAGE PER FARM-OPERATOR FAMILY REPORTING	
	1955	1960	1955	1960	1955	1960
Total	69.9	77.9	8,006	7,416	\$2,405	\$2,926
Cash wages, salaries	n.a.	44.7	5,024	4,176	n.a.	2,872
Nonfarm business or professional practice	10.9	9.7	1,062	1,131	2,046	3,567
Custom work	5.7	16.0	206	243	762	467
Rental of property to others	5.2	16.0	651	532	n.a.	1,026
Interest, dividends, and regular payments from trust funds	18.7	14.1	450	314	505	684
Social Security, pensions, retirement pay, veterans' payments, and annuities	n.a.	16.8	515	595	n.a.	1,000
Unemployment income, workmen's compensation, and old age assistance	n.a.	3.3	62	n.a.	n.a.	584
Other ¹	n.a.	11.2	90	362	n.a.	886

n.a. Not available. ¹ Oil leases, soil bank payments, roomers, boarders, contributions, etc.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. V, Part 5.

No. 898. SPECIFIED FARM EXPENDITURES: 1949, 1954, AND 1959

[Beginning 1959, includes Alaska and Hawaii. Based on reports for a sample of farms]

ITEM	F FARMS REPORTING		AMOUNT EXPENDED		
	Number	Percent of all farms	Total	Average per farm (based on all farms)	Average per farm reporting
All farms	1,000 3,708	100.0	Mil. dol. 14,085	Dollars 3,798	Dollars 3,836
Specified farm expenditures	3,671	99.0	3,030	563	854
Machine hire and/or hired labor	3,548	68.0	2,917	610	888
1949	3,286	68.7	3,426	924	n.a.
1954	n.a.	n.a.	612	114	222
Machine hire	2,758	51.3	638	183	251
1949	2,545	53.2	805	217	404
1954	1,991	53.7	450	906	1,026
Hired labor ¹	2,670	49.6	2,118	707	1,469
1949	2,221	46.4	2,279	477	1,026
1954	1,785	48.1	2,622	1,238	1,673
Feed for livestock and poultry	3,876	72.0	3,024	562	780
1949	3,653	76.4	3,906	817	1,069
1954	2,843	76.7	4,755	1,236	1,673
Gasoline and other petroleum fuel and oil for the farm business	2,983	55.5	1,134	211	380
1949	3,268	68.3	1,366	286	418
1954	3,464	93.4	1,554	419	449

n.a. Not available.

¹ Cash payments for farm labor, housework specifically excluded; excludes expenditures for contract construction work, machine hire, or labor included in cost of machine hire.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

No. 899. FARM MACHINERY AND EQUIPMENT: 1940 TO 1963

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 150-158]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963 (prel.)
Value of farm implements and machinery ¹ mil. dol.	3,060	11,314	16,164	18,457	18,618	18,238	18,599	19,315
Number on farms, Jan. 1:								
Tractors ²	1,000	1,567	3,394	4,345	4,673	4,684	4,700	4,690
Motor trucks	1,000	1,047	2,207	2,675	2,800	2,826	2,850	2,875
Automobiles	1,000	4,144	4,100	4,140	4,260	3,620	(3) ³	(3) ³
Grain combines	1,000	190	714	980	1,045	1,040	1,035	1,025
Corn pickers	1,000	110	456	688	775	795	800	815
Pickup balers	1,000		196	488	645	680	715	735
Field forage harvesters	1,000		81	202	270	290	305	320
Farms with milking machines	1,000	175	636	712	728	666	(3) ⁴	(3) ⁴
Farmers' expenditures:								
Motor vehicles ⁴	—	384	1,735	1,492	1,623	1,291	1,503	1,609
Machinery and equipment	—	241	1,279	1,099	1,376	1,254	1,236	1,371

n.a. Not available. ¹ Inventory valuations at beginning of year. Includes family automobiles.

² Excludes garden tractors. ³ Estimates discontinued because of insufficient information.

⁴ Excludes family automobiles.

Source: Dept. of Agriculture, Economic Research Service; annual report, *The Balance Sheet of Agriculture* also in *Agricultural Statistics*.

No. 900. FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS, AND WAGES PAID, BY STATES: 1959

[Based on reports for a sample of farms. Relates to farm operators working 1 hour or more, hired workers doing farm work, and unpaid family members working 15 hours or more during week (September 26–October 2 or October 24–30). Excludes housework and contract construction work. For composition of regions, see fig. I, p. XII.]

STATE	Family and/or hired workers, persons working	FAMILY WORKERS, IN- CLUDING OPERATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1959	
		Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount (\$1,000)
		3,125,131	4,748,325	547,611	1,584,153	1,784,826	2,621,651
United States	6,832,478						
The North	2,855,098	1,536,236	2,422,007	233,540	433,091	801,862	817,949
The South	2,751,609	1,299,699	1,892,157	239,706	859,452	789,257	916,407
The West	725,771	289,196	434,161	74,365	291,610	193,707	887,295
New England	113,768	49,685	72,483	14,742	41,285	28,723	91,853
Maine	29,457	14,760	20,440	3,318	9,017	8,484	21,735
New Hampshire	11,750	5,662	8,075	1,518	3,675	2,753	6,573
Vermont	22,269	11,022	16,539	3,535	5,730	6,763	10,812
Massachusetts	25,834	9,745	14,481	3,261	11,353	5,645	26,887
Rhode Island	3,628	1,281	1,860	509	1,768	801	3,142
Connecticut	20,830	7,215	11,088	2,601	9,742	4,277	22,703
Middle Atlantic	376,192	175,763	277,973	43,720	98,219	95,242	207,183
New York	157,863	72,896	111,184	20,544	46,679	41,931	93,458
New Jersey	35,334	13,091	20,539	5,447	14,795	9,629	42,604
Pennsylvania	182,995	89,776	146,250	17,729	36,745	43,682	71,126
East North Central	1,065,246	591,274	918,646	84,552	146,600	298,854	264,984
Ohio	215,325	123,301	186,995	15,563	29,330	59,594	57,914
Indiana	184,019	112,390	168,198	18,094	20,821	54,133	39,035
Illinois	234,559	139,458	197,959	23,904	36,600	77,092	71,712
Michigan	175,378	93,257	143,499	13,449	31,879	48,398	51,120
Wisconsin	255,965	122,868	227,995	18,542	27,970	59,637	45,203
West North Central	1,299,892	719,514	1,152,905	90,526	146,987	379,043	253,929
Minnesota	263,940	136,048	235,217	17,849	28,723	65,013	42,435
Iowa	293,449	164,618	260,126	23,901	33,323	92,975	59,060
Missouri	250,282	149,389	218,726	14,667	31,526	69,232	45,346
North Dakota	89,192	46,055	77,706	6,445	11,486	27,596	22,673
South Dakota	93,700	50,993	84,831	6,409	8,869	26,598	17,048
Nebraska	154,554	82,510	137,482	10,903	17,072	44,175	33,871
Kansas	154,805	89,901	138,817	10,352	15,988	53,454	33,496
South Atlantic	994,704	466,012	687,673	95,157	307,031	307,677	375,152
Delaware	9,222	4,372	6,589	1,076	2,633	2,617	6,028
Maryland	45,669	21,322	31,848	6,570	13,821	13,794	26,921
Virginia	161,648	82,194	120,087	15,978	41,561	45,654	50,575
West Virginia	59,120	37,516	51,532	3,520	7,588	13,504	10,361
North Carolina	307,811	150,960	232,016	25,971	75,795	112,344	74,676
South Carolina	136,349	58,158	87,682	13,189	48,667	41,403	36,425
Georgia	175,854	80,509	115,710	18,674	60,144	54,681	57,248
Florida	99,031	30,981	42,209	10,179	30,822	23,780	112,918
East South Central	881,741	435,492	641,036	66,032	240,705	247,744	164,158
Kentucky	211,941	121,726	170,853	18,826	41,088	74,506	34,672
Tennessee	241,229	126,636	184,084	17,994	57,145	72,576	36,868
Alabama	167,458	88,647	121,689	13,772	45,814	49,784	36,570
Mississippi	261,118	103,483	164,460	15,440	96,658	50,878	56,048
West South Central	875,164	398,195	563,448	78,517	311,716	233,836	377,097
Arkansas	192,064	76,341	111,369	12,284	30,695	39,775	75,808
Louisiana	126,819	66,420	81,201	9,206	45,618	27,122	40,039
Oklahoma	145,057	81,803	117,060	9,449	27,997	43,010	33,949
Texas	411,224	183,681	255,818	47,578	157,406	123,929	227,301
Mountain	292,837	126,665	197,705	30,526	95,132	83,595	217,083
Montana	49,580	24,268	38,050	5,668	11,524	16,143	28,250
Idaho	59,378	29,750	47,102	4,948	12,276	19,028	33,714
Wyoming	20,654	8,587	14,353	2,416	6,301	5,352	14,924
Colorado	62,707	28,586	45,584	7,487	17,123	19,650	41,204
New Mexico	35,433	11,989	17,743	3,807	17,690	7,853	25,015
Arizona	30,495	5,876	8,374	2,791	22,121	4,700	53,209
Utah	28,804	15,511	23,268	2,658	5,626	9,614	13,505
Nevada	5,696	2,089	3,225	760	2,471	1,360	7,172
Pacific	432,934	162,531	236,456	43,839	196,478	110,112	670,212
Washington	82,383	43,643	64,023	7,395	18,360	26,237	67,344
Oregon	68,219	35,322	51,887	5,819	16,332	19,600	49,522
California	255,828	78,028	110,613	29,556	145,215	62,284	498,743
Alaska	608	282	470	63	138	165	487
Hawaii	25,896	5,256	9,463	1,006	16,433	1,926	54,116

Taxes—Insurance—Cooperatives

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No. 901. FARM TAXES AND INSURANCE: 1940 TO 1962

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 116-121]

ITEM	1940	1950	1955	1959	1960	1961	1962 (prel.)
Taxes levied on farm real estate..... mil. dol.	401	742	931	1,155	1,1, 249	1,1, 327	1,1, 398
Amount per acre..... dol.	0.39	0.69	0.88	1.13	1.1, 22	1.1, 29	1.1, 36
Amount per \$100 of value..... dol.	1.18	1.00	0.96	0.94	1.0, 97	1.0, 02	1.0, 03
Taxes levied on farm personal property..... mil. dol.	50	1.79	220	246	254	270	285
State automotive taxes paid by farmers:							
Motor vehicle licenses and permits..... mil. dol.	68	120	157	172	173	175	177
Motor fuel taxes..... mil. dol.	70	139	192	232	243	258	273
FARMERS' MUTUAL FIRE INSURANCE ³							
Number of companies ⁴	1,898	1,777	1,651	1,608	1,592	1,564	1,450
Insurance in force at end of year..... mil. dol.	12,294	24,161	28,223	32,516	33,932	36,156	36,386
Cost per \$100 of insurance..... cents.	25.2	23.0	23.4	25.8	25.3	26.8	26.6
Losses..... cents.	17.1	14.6	15.9	17.3	16.9	17.9	18.8
Expenses..... cents.	8.1	8.4	7.5	8.5	8.4	8.9	7.8
Surplus and reserves, end of year ⁵ mil. dol.	45	122	161	201	200	220	219

¹ Includes Alaska and Hawaii. ² Beginning 1950, includes taxes on gasoline used in farm tractors.

³ Includes companies with more than 50 percent of their insurance on farm property. About 85 percent of their total insurance is on farm property.

⁴ Number of companies for which data were obtained; perhaps not entirely complete for any year.

⁵ Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are net required to set up unearned premium reserves.

Source: Dept. of Agriculture, Economic Research Service; *Agricultural Finance Review*.

No. 902. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS: 1940 TO 1962

[For years ending June 30, with limited exceptions. Beginning 1955, includes Alaska and Hawaii. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. Data are for marketing season during which farm products are moved into channels of trade. Marketing seasons overlap. See also *Historical Statistics, Colonial Times to 1957*, series K 181-189]

YEAR	COOPERATIVES LISTED			ESTIMATED MEMBER-SHIPS (1,000) ²			ESTIMATED BUSINESS (\$1,000) ³		
	Total	Marketing ¹	Farm supply	Total	Market-ing ¹	Farm supply	Total	Market-ing ¹	Farm supply
1940-----	10,700	8,051	2,649	3,200	2,300	900	2,087,000	1,729,000	353,000
1945-----	10,150	7,400	2,750	4,505	2,895	1,610	5,645,000	4,835,000	810,000
1950-----	10,035	6,922	3,113	6,584	4,075	2,500	8,726,000	7,082,600	1,643,400
1955-----	9,903	6,557	3,346	7,604	4,281	3,323	9,641,882	7,620,265	2,021,617
1956-----	9,894	6,519	3,375	7,732	4,288	3,444	9,750,125	7,710,039	2,046,086
1957-----	9,891	6,518	3,373	7,673	4,184	3,480	10,379,455	8,233,516	2,145,939
1958-----	9,735	6,352	3,383	7,486	3,943	3,543	10,752,905	8,565,412	2,187,490
1959-----	9,658	6,271	3,387	7,559	3,915	3,644	11,747,016	9,375,955	2,371,061
1960-----	9,345	6,048	3,297	7,273	3,673	3,600	12,036,248	9,628,001	2,408,157
1961-----	9,163	5,941	3,222	7,203	3,523	3,680	12,409,133	9,936,847	2,472,286
1962 (prel.)	9,039	5,833	3,206	7,110	3,475	3,635	13,023,804	10,462,466	2,561,338

¹ Includes service associations.

² Comprises members (those entitled to vote for directors) but excludes nonvoting patrons.

³ Comprises value of commodities sold or purchased for patrons and charges for rendering other essential services in marketing or purchasing. Beginning 1955, net figures; adjusted for duplication resulting from transactions between cooperatives. Earlier figures included some duplication.

Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

No. 903. FARMER COOPERATIVES—ESTIMATED BUSINESS, BY COMMODITY: 1962

(Includes Alaska and Hawaii. Preliminary. See headnote, table 902)

COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) ¹	COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) ¹
Total.....	² 9,039	17,209,607	13,023,804	Farm supply.....	² 6,982	3,914,849	2,561,338
Marketing.....	2,422	12,992,656	10,160,364	Building materials.....	1,672	143,272	95,576
Dry beans and peas.....	66	40,190	30,548	Containers.....	1,128	60,124	28,501
Cotton and products.....	555	717,920	624,607	Farm machinery and equipment.....	1,833	105,447	75,112
Dairy products.....	1,550	4,401,113	3,425,433	Feed.....	4,395	1,281,360	935,631
Fruits and vegetables.....	670	1,390,759	1,002,500	Fertilizer.....	4,314	682,380	387,224
Grain, soybeans, soybean meal and oil.....	2,650	3,295,382	2,162,219	Meats and groceries.....	878	68,874	55,000
Livestock and products.....	530	1,622,108	1,512,571	Petroleum products.....	2,781	996,256	624,688
Nuts.....	107	130,446	117,380	Seed.....	3,900	143,006	100,960
Poultry products.....	536	502,517	423,905	Sprays and dusts (farm chemicals).....	3,095	92,067	62,328
Rice.....	61	205,427	177,684	Other supplies.....	4,578	342,063	198,219
Sugar products.....	66	411,036	411,036	Services (trucking, cotton ginning, storage, grinding, locker plants, misc.).....	² 5,495	³ 302,102	³ 302,102
Tobacco.....	31	201,003	201,003				
Wool and mohair.....	276	24,886	24,258				
Miscellaneous.....	212	49,869	47,130				

¹ Represents value at the first level at which cooperatives transact business for farmers. Adjusted for duplication resulting from intercooperative business.² Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services.³ Charges for services in which no duplication occurs.Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

No. 904. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS, BY STATES: 1962

(Preliminary. See headnote, table 902)

STATE	Cooperatives listed	Estimated memberships ¹	Estimated business ² (\$1,000)	STATE	Cooperatives listed	Estimated memberships ¹	Estimated business ² (\$1,000)
United States.....	9,039	7,110,240	13,023,804	South Atlantic—Con.			
New England.....	108	72,690	284,111	West Virginia.....	77	71,985	34,613
Maine.....	16	18,335	46,375	North Carolina.....	48	303,050	189,370
New Hampshire.....	8	4,760	22,305	South Carolina.....	15	70,440	45,429
Vermont.....	24	17,810	88,098	Georgia.....	70	142,105	141,773
Massachusetts.....	34	19,035	61,246	Florida.....	103	45,015	285,708
Rhode Island.....	2	1,975	11,432	East South Central.....	424	583,950	553,686
Connecticut.....	24	10,775	54,655	Kentucky.....	91	208,800	141,581
Middle Atlantic.....	680	333,955	1,108,784	Tennessee.....	135	118,540	97,907
New York.....	414	142,320	641,877	Alabama.....	59	85,770	75,130
New Jersey.....	71	20,035	105,344	Mississippi.....	139	170,840	236,068
Pennsylvania.....	195	165,600	361,563	West South Central.....	867	402,475	1,130,504
East North Central.....	1,699	1,752,930	2,841,527	Arkansas.....	111	62,730	169,612
Ohio.....	267	312,835	593,699	Louisiana.....	62	12,820	75,703
Indiana.....	133	418,545	456,704	Oklahoma.....	173	145,655	253,635
Illinois.....	423	456,570	699,625	Texas.....	521	181,270	628,554
Michigan.....	201	165,475	397,020	Mountain.....	517	311,425	705,270
Wisconsin.....	675	399,505	694,479	Montana.....	172	73,040	124,963
West North Central.....	3,476	2,348,315	3,400,519	Idaho.....	94	62,500	131,439
Minnesota.....	1,148	600,125	925,741	Colorado.....	107	54,070	191,602
Iowa.....	607	414,755	726,225	New Mexico.....	32	10,240	38,183
Missouri.....	214	435,500	342,817	Arizona.....	16	72,135	81,605
North Dakota.....	500	229,530	326,292	Utah.....	67	28,150	108,723
South Dakota.....	305	183,730	221,279	Nevada.....	5	305	5,877
Nebraska.....	368	270,575	378,389	Pacific.....	722	303,130	1,953,448
Kansas.....	334	214,100	479,776	Washington.....	180	116,625	345,050
South Atlantic.....	546	1,001,370	1,045,955	Oregon.....	112	68,140	218,016
Delaware.....	14	27,570	21,225	California.....	407	116,550	31,372,405
Maryland.....	60	93,325	117,387	Alaska.....	2	85	5,807
Virginia.....	159	247,880	209,950	Hawaii.....	21	1,730	12,170

¹ See footnote 2, table 902. ² See footnote 3, table 902.³ Includes volume of a sugar cooperative with headquarters in California whose business originated in Hawaii.Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

Section 24

Agriculture—Production, Marketing, and Trade

This section presents statistics concerning farm output and marketings, trade in agricultural products, and data relative to specific crops, livestock, poultry, and live-stock and poultry products.

The principal sources of these data are reports of the decennial and quinquennial Censuses of Agriculture conducted by the Bureau of the Census, and three annual reports, *Crop Production*, *Crop Values*, and *Agricultural Statistics*, issued by the Statistical Reporting Service, Department of Agriculture. Other important sources include *Current Industrial Reports* and *Cotton Production and Distribution*, issued by the Bureau of the Census; *Cotton and Cottonseed Production* and annual livestock summaries, issued by the Statistical Reporting Service; and various *Situation* reports, issued by the Economic Research Service, Department of Agriculture. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade*, also published by the Economic Research Service, and the foreign trade reports of the Bureau of the Census, particularly the series on imports (FT 125) and on exports (FT 410). Historical data are available in *Foreign Commerce and Navigation of the United States*, issued annually through 1946 by the Bureau of the Census. Statistics on other aspects of agriculture may be found in Section 23, Agriculture—Farms, Land, and Finances.

Crop reporting.—Annual agricultural statistics of a wide variety have been issued by the Department of Agriculture for over 100 years. The 43 field offices of the Statistical Reporting Service collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Statistical Reporting Service where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Statistical Reporting Service on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-fourths of a million reporters, mostly farmers, who report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living. The most extensive of the current survey data are gathered by the Statistical Reporting Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October.

In the data prepared by the Statistical Reporting Service, estimates of crop acreage and production for the census years are set up currently from available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians, and reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

Livestock.—Each Census of Agriculture from 1840 through 1900 was taken as of June 1. The six decennial censuses since then were taken as of April 15, 1910; January 1, 1920; April 1, 1930, 1940, and 1950; and the fall of 1959.

The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1; the 1954 Census was taken in the fall of the year (as will the 1964 Census). Comparison of inventory numbers of livestock from census to census is seriously affected by changes in the date of enumeration. From January to April, and from October and November to January, there are material changes in numbers on hand in most parts of the country, due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible, the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U.S. Census of Agriculture: 1959* shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census. For most kinds of domestic livestock, there are comparatively short cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

Annual inventory numbers of livestock on farms, together with estimates of live-stock, dairy, and poultry production prepared by the Department of Agriculture, are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and slaughter. The level for these inventories is based in large part on interpretations of Census enumerations for years when such data are available.

Alaska and Hawaii.—Statements specifying inclusion or exclusion of figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 905. LAND AND LIVESTOCK PRODUCTIVITY INDEXES: 1930 TO 1963

[1957-59=100. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 102-103, for indexes on a 1947-49 base]

YEAR	Cropland used ¹	Crop production per acre	Animal units of breeding livestock ²	Production per animal unit ²	YEAR	Cropland used ¹	Crop production per acre	Animal units of breeding livestock ²	Production per animal unit ²
1930-----	107	64	92	70	1956-----	103	92	104	95
1940-----	103	76	95	75	1957-----	100	93	101	96
1950-----	106	84	102	86	1958-----	99	105	99	100
1951-----	107	85	103	89	1959-----	101	102	100	104
1952-----	106	90	103	89	1960-----	99	109	97	105
1953-----	106	89	100	93	1961-----	95	113	98	108
1954-----	106	88	104	92	1962 (prel.)	92	116	99	108
1955-----	106	91	106	93	1963 (prel.)	94	119	101	108

¹ Based on sum of the acreage from which one or more crops were harvested plus acreages of crop failure and summer fallow.

² Excludes horses and mules.

Source: Dept. of Agriculture, Economic Research Service, annual report, *Changes in Farm Production and Efficiency*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.

Farm Output and Productivity Indexes

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No. 906. FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1930 TO 1963

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 190-194 and K 254-264, for indexes on a 1947-49 base]

ITEM	1930	1940	1950	1955	1959	1960	1961	1962	1963
FARM OUTPUT AND GROSS PRODUCTION (1957-59=100)									
Farm output ¹	61	70	86	96	103	106	107	108	112
Gross production:									
Livestock and products ²	64	71	88	99	104	102	107	107	109
Meat animals.....	63	72	89	103	106	103	107	108	111
Dairy products.....	76	84	93	99	99	101	103	104	103
Poultry and eggs.....	45	49	78	86	104	104	112	111	114
Crops ³	69	78	89	96	103	108	107	107	112
Feed grains.....	56	66	81	86	106	109	99	101	110
Hay and forage.....	66	86	89	98	97	103	101	107	105
Food grains.....	74	69	86	83	97	115	106	98	102
Vegetables.....	74	83	96	96	160	103	111	109	109
Fruits and nuts.....	73	93	98	99	104	98	110	98	101
Sugar crops.....	71	87	94	86	106	102	116	118	152
Cotton.....	113	102	82	120	118	116	116	120	126
Tobacco.....	95	84	117	127	104	112	119	134	131
Oil crops.....	14	34	71	78	98	105	122	122	129
AGGREGATE ACREAGE, 59 CROPS (1,000,000 acres)									
Planted or grown.....	370	348	353	354	330	325	310	301	309
Harvested.....	360	332	336	332	317	316	295	287	293

¹ Measures annual volume of farm production available for eventual human use. Livestock and crops, as combined into total farm output, exclude value of feed other than pasture consumed, and hatching eggs, to avoid double counting of feed crops in both livestock and crop production and of hatching eggs as part of both poultry meat and egg production.

² Includes livestock products not shown separately, except horses and mules. Livestock production consists of 3 components: Constant-dollar value of pasture consumed, other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. See footnote 1.

³ Total constant dollar value of all crop production regardless of its final disposition. Includes production of hay seeds, pasture seeds, cover-crop seeds, and some miscellaneous crop production not shown.

Source: Dept. of Agriculture, Economic Research Service, annual report *Changes in Farm Production and Efficiency*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 907. INDEXES OF VOLUME OF FARM MARKETINGS AND HOME CONSUMPTION: 1930 TO 1963

[1947-49=100. Excludes Alaska and Hawaii]

ITEM	1930	1940	1950	1955	1959	1960	1961	1962	1963 (prel.)
Total.....	72	80	100	112	124	127	128	130	133
Livestock and livestock products.....	75	84	102	116	126	126	131	132	134
Meat animals.....	72	85	100	119	125	126	129	130	134
Poultry and eggs.....	65	71	112	123	151	150	163	161	166
Dairy products.....	84	92	101	107	109	110	112	113	112
Crops.....	69	75	96	107	121	127	124	126	130
Food grains.....	57	56	81	81	103	117	111	99	105
Feed crops.....	58	75	114	137	174	195	181	188	181
Cotton (lint and seed).....	97	82	79	101	107	100	96	103	114
Tobacco.....	76	70	98	110	85	90	98	104	101
Oil crops ¹	21	45	114	145	176	188	192	209	224
Vegetables ²	79	92	98	97	102	102	108	107	109
Fruits and nuts ³	75	91	97	103	109	105	107	109	104
Sugar crops.....	92	111	116	107	130	128	148	150	197
Seeds.....	63	87	143	124	120	125	111	105	113

¹ Includes peanuts; excludes cottonseed.

² Includes dry edible beans, dry field peas, mung beans, potatoes, and sweetpotatoes.

³ Excludes peanuts.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*, and unpublished data.

No. 908. FARM LABOR—MAN-HOURS AND INDEX OF FARM OUTPUT: 1930 TO 1963
 [Man-hours in millions; index, 1957-59=100. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series W 48-50, for indexes on a 1947-49 base]

ITEM	1930	1940	1950	1955	1959	1960	1961	1962	1963 (prel.)
Man-hours of labor required on farms¹	22,921	20,472	15,137	12,808	10,301	9,825	9,473	9,085	8,867
All livestock	7,197	7,023	5,945	5,139	4,195	3,956	3,850	3,698	3,586
All crops	12,286	10,378	6,922	6,012	4,771	4,596	4,398	4,212	4,134
Farm maintenance	3,488	3,071	2,270	1,057	1,335	1,273	1,225	1,175	1,147
Index of farm output per man-hour²	28	36	61	80	106	115	120	127	135
All livestock and products	47	50	68	85	108	113	120	127	133
Meat animals	73	76	84	94	105	106	109	114	117
Milk cows	46	48	67	82	107	115	123	130	137
Poultry	31	34	48	72	111	124	140	150	156
All crops	27	37	63	77	108	114	119	124	132
Feed grains	17	22	49	67	113	127	141	158	172
Hay and forage	30	39	73	83	106	113	119	121	122
Food grains	22	27	53	67	105	128	120	124	120
Vegetables	40	47	69	85	105	110	117	117	122
Fruits and nuts	58	71	88	103	103	97	105	108	101
Sugar crops	32	38	55	77	107	112	113	117	124
Cotton	25	35	53	81	108	116	125	149	168
Tobacco	63	71	82	94	102	108	110	117	119
Oil crops	17	23	61	76	104	109	117	117	122

¹ Man-equivalent hours; represents time used by average adult males in performing farm operations.

² Index of farm output (production available for human use) divided by index of man-hours worked.

Source: Dept. of Agriculture, Economic Research Service, annual report, *Changes in Farm Production and Efficiency*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 909. FARM LABOR—MAN-HOURS PER UNIT OF CROP PRODUCTION AND RELATED FACTORS, SELECTED CROPS: 1935-39 TO 1960-62

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 87, K 92, and K 97]

CROP AND ITEM	1935-39	1945-49	1955-59	1960-62 ¹	CROP AND ITEM	1935-39	1945-49	1955-59	1960-62 ¹
Corn for grain:					Potatoes:				
Man-hours per acre ²	28.1	19.2	9.9	7.3	Man-hours per acre ²	69.5	68.5	53.1	48.9
Yield bushels	26.1	36.1	48.7	59.8	Yield cwt.	70.3	117.8	178.1	191.5
Man-hours per 100 bushels	108	53	20	12	Man-hours per short ton	20	12	6	5
Wheat:					Cotton:				
Man-hours per acre ²	8.8	5.7	3.8	2.9	Man-hours per acre ²	99	83	66	40
Yield bushels	13.2	16.9	22.3	25.1	Yield pounds	226	273	428	448
Man-hours per 100 bushels	67	34	17	12	Man-hours per bale	200	146	74	52
Hay:					Tobacco:				
Man-hours per acre ²	11.3	8.4	6.0	5.6	Man-hours per acre ³	415	460	475	486
Yield short tons	1.24	1.35	1.61	1.77	Yield pounds	886	1,176	1,541	1,782
Man-hours per short ton	9.1	6.2	3.7	3.2	Man-hours per 100 pounds	47	39	31	27

¹ Preliminary. ² Man-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under. ³ Per acre planted and harvested.

No. 910. FARM LABOR—MAN-HOURS PER UNIT OF LIVESTOCK PRODUCTION AND RELATED FACTORS: 1935-39 TO 1960-62

[Excludes Alaska and Hawaii]

KIND OF LIVESTOCK AND ITEM	1935-39	1945-49	1955-59	1960-62 ¹	KIND OF LIVESTOCK AND ITEM	1935-39	1945-49	1955-59	1960-62 ¹
Milk cows:					Chickens (farm raised):				
Man-hours per cow	148	120	109	96	Man-hours per 100 birds	30	29	23	17
Milk per cow lb.	4,401	4,992	6,307	7,195	Man-hours per cwt. produced ³	9.0	7.7	6.7	4.9
Man-hours per cwt. of milk	3.4	2.6	1.7	1.3	Chickens (broilers):				
Cattle other than milk cows:					Man-hours per 100 birds	25	16	4	3
Man-hours per cwt. of beef produced ²	4.2	4.0	3.2	2.9	Man-hours per cwt. produced ³	8.5	5.1	1.3	1.0
Hogs: Man-hours per cwt. produced ³	3.2	3.0	2.4	2.2	Turkeys: Man-hours per cwt. produced ³	23.7	13.1	4.4	3.0
Chickens (laying flocks and eggs):									
Man-hours per 100 layers	172	189	147	112					
Rate of lay ⁴	100	127	168	179					
Man-hours per 100 eggs produced	1.7	1.5	.9	.6					

¹ Preliminary. ² Production includes beef produced as a byproduct of the milk cow enterprise.

³ Liveweight production. ⁴ Per layer on farms Jan. 1.

Source of tables 909 and 910: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*.

Farm Food—Exports and Imports

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No. 911. SUPPLY AND UTILIZATION OF FARM COMMODITIES—PERCENT DISTRIBUTION: 1947 TO 1963

[Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. "Net" means that commodities used for feed and seed are excluded to avoid double counting. Developed from quantitative data on supply and use of processed and unprocessed farm products, valued in terms of farm prices (1947-49 prices prior to 1955; 1957-59 prices thereafter). See *Historical Statistics, Colonial Times to 1957*, series K 104-115, for related data.]

ITEM	1947-1949	1957-1959	1950	1955	1958	1959	1960	1961	1962	1963 (prel.)
SUPPLY										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net production	91.4	90.2	87.3	93.0	93.2	89.4	90.5	87.8	88.1	88.4
Net imports	11.5	11.6	12.4	11.0	11.4	12.7	11.6	12.1	12.9	12.8
Stock change ¹	-2.9	-1.8	+0.3	-4.0	-4.6	-2.1	-2.1	+0.1	-1.0	-1.2
UTILIZATION										
Net utilization	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Domestic use	91.6	88.3	91.1	90.7	88.9	88.8	86.2	86.4	86.8	86.2
Food:										
Civilian	75.1	76.0	75.2	77.1	76.6	76.1	74.4	74.5	74.7	74.4
Military	3.3	1.4	1.7	1.7	1.5	1.4	1.2	1.4	1.4	1.3
Net nonfood ²	13.2	10.9	14.2	11.9	10.8	11.3	10.6	10.5	10.7	10.5
Exports and shipments	8.4	11.7	8.9	9.3	11.1	11.2	13.8	13.6	13.2	13.8

¹ Includes farm and commercial stocks and holdings under Government programs. Minus sign (-) indicates increase in stocks from beginning to end of year; plus sign (+) indicates withdrawals from stocks.

² Includes civilian feeding in areas occupied by our Armed Forces.

³ Includes some waste and loss at farm level.

Source: Dept. of Agriculture, Economic Research Service; *The National Food Situation*.

No. 912. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1932 TO 1963

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products)]

YEARLY AVERAGE OR YEAR	AGRICULTURAL EXPORTS		AGRICULTURAL IMPORTS ³				Excess of domestic agricultural exports over supplementary imports	
	Domestic products ¹		Foreign products (re-exports)	Total	Supplementary imports ⁴	Complementary imports ⁴		
	Total	Percent of all exports ²						
1932-1936	713	36	20	872	443	429	51	270
1937-1941	879	20	32	1,281	629	652	51	50
1942-1946	1,976	19	92	1,645	1,024	621	46	952
1947-1951	3,468	28	79	3,278	1,641	1,737	46	1,827
1952-1956	3,290	21	66	4,209	1,733	2,476	39	1,557
1957-1961	4,883	23	73	3,878	1,836	2,042	28	2,647
1955	3,144	21	70	3,781	1,509	2,272	36	1,635
1956	3,496	21	65	4,086	1,583	2,503	34	1,913
1957	4,728	23	66	3,800	1,531	2,269	30	3,197
1958	4,003	21	76	3,929	1,824	2,105	31	2,179
1959	3,719	21	83	4,004	2,029	1,975	29	1,690
1960	4,517	24	73	4,010	1,979	2,031	26	2,538
1961	4,946	24	67	3,645	1,814	1,831	26	3,132
1962	5,142	24	63	3,762	2,049	1,713	24	3,093
1963 (prel.)	5,078	24	62	3,907	2,208	1,699	24	2,870

¹ Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program. ² Based on total exports of domestic merchandise.

³ Prior to 1934, general imports; thereafter, imports for consumption.

⁴ Supplementary imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary imports comprise all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*.

No. 913. VALUE OF PRINCIPAL AGRICULTURAL EXPORTS: 1931 TO 1963

[In millions of dollars. Includes Alaska, Hawaii, and Puerto Rico. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery and mutual security; civilian supply shipments included in 1948 and subsequent years]

ITEM	1931-1935, avg.	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1961	1962	1963
Agricultural exports	731.7	701.2	1,654.4	3,222.5	3,314.1	4,263.5	5,023.9	5,034.0	5,585.5
Live animals	1.5	1.8	3.5	12.2	13.8	21.9	24.5	21.4	28.1
Meats and meat products	23.7	21.3	373.2	114.4	58.9	104.3	148.0	151.8	155.8
Eggs and dairy products	6.9	8.6	376.6	269.6	117.1	120.9	106.5	96.4	141.7
Animal fats and oils	37.0	18.2	109.2	108.5	172.3	181.8	181.2	147.5	172.3
Hides and skins	3.2	4.5	1.1	15.7	36.9	64.3	86.2	82.9	74.0
Bread grains and preparations	40.4	58.6	112.6	896.4	699.5	821.2	1,249.1	1,088.1	1,302.1
Coarse grains and preparations, except rice ¹	9.3	38.8	30.5	224.9	324.1	478.0	538.3	808.2	814.3
Rice	4.7	6.9	30.2	82.9	118.9	117.4	106.2	153.3	178.1
Fodders and feeds ²	9.3	9.5	3.9	19.0	33.7	64.6	80.6	140.6	187.5
Vegetables and preparations	8.0	13.2	59.0	73.2	82.7	115.4	104.0	123.3	154.8
Fruits and preparations	83.2	74.0	83.8	127.8	150.8	244.8	271.7	285.6	276.2
Vegetable oils, fats and waxes, oilseeds, nuts and nut preparations ³	6.5	11.3	46.1	145.2	253.7	498.5	544.0	605.0	728.4
Coffee and cocoa, coffee and tea substitutes	1.9	2.2	1.2	7.2	7.3	16.8	23.3	29.2	31.7
Sugar and related products	4.8	8.1	26.8	26.6	15.6	12.5	6.4	7.5	13.5
Seeds, except oilseeds	1.9	2.5	13.0	15.0	10.6	17.0	18.3	19.1	24.8
Tobacco	103.7	109.8	137.7	267.9	314.6	354.5	390.9	373.4	403.1
Cotton, unmanufactured	366.5	232.9	151.7	674.2	761.2	777.7	884.1	537.2	587.0
Wool and hair	1.5	2.1	6.8	9.7	5.8	19.0	17.8	13.5	16.7
All other	17.6	27.1	87.5	132.1	136.6	228.8	242.8	290.0	204.9

¹ Prior to 1955, excludes coarse grain ready-to-eat breakfast cereal foods (except corn).

² Beginning 1958, includes only fodders and feeds of vegetable origin.

³ Prior to 1955, excludes crude natural essential oils and crude waxes.

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

No. 914. VALUE OF PRINCIPAL AGRICULTURAL IMPORTS: 1931 TO 1962

[In millions of dollars. Includes Alaska, Hawaii, and Puerto Rico. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

ITEM	1931-1935, avg.	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1960	1961	1962
Agricultural imports	(1)	1,249.1	1,596.7	3,016.6	4,367.5	3,945.9	3,823.7	3,691.1	3,875.6
Animals and products, edible	16.1	45.7	52.4	116.0	201.5	353.8	392.9	486.2	600.9
Dairy products and eggs	14.2	14.2	5.8	17.2	31.4	30.0	33.2	37.4	37.7
Hides and skins, except reptile	38.6	50.1	66.2	85.9	70.8	62.7	67.6	61.3	62.7
Animal fats, inedible	3.5	1.1	2.7	.4	.9	.7	.6	.4	.4
Grains and preparations	28.2	44.3	112.3	42.8	124.1	68.4	54.5	54.4	42.9
Fodders and feeds	6.7	11.3	16.4	23.1	43.8	22.2	16.2	15.9	14.7
Vegetables, fruits, nuts	66.3	79.3	98.0	203.0	231.4	279.7	309.9	208.3	303.3
Vegetable oils (expressed) and oilseeds	71.7	112.9	84.4	203.5	159.3	151.6	161.1	145.2	151.1
Cocoa, coffee, tea, spices	188.4	204.1	347.5	956.5	1,732.2	1,489.4	1,290.5	1,252.8	1,248.1
Sugar and related products	122.0	152.1	207.6	363.0	459.9	530.0	555.4	492.3	545.8
Beverages, excluding spirits	6.1	11.4	14.0	20.5	31.9	53.2	63.6	69.8	77.1
Crude rubber	74.6	206.3	151.8	312.3	492.6	339.9	321.7	216.5	228.2
Tobacco, unmanufactured	27.1	34.3	50.5	80.8	83.1	103.6	115.3	114.2	101.2
Cotton, unmanufactured	7.4	11.4	20.2	41.2	39.0	33.2	27.2	34.9	29.8
Wool and mohair, unmanufactured	18.7	61.3	247.9	291.2	374.9	207.8	196.9	197.7	200.4
Raw silk	115.1	108.7	12.6	32.0	28.7	24.9	27.2	27.1	26.8
Vegetable fibers, except cotton and silk	17.8	29.4	42.6	80.8	96.1	50.5	43.7	42.6	47.7
All other	p.a.	71.2	68.7	142.6	165.7	144.4	146.1	144.1	148.1

n.a. Not available. ¹ Not available on calendar year basis prior to 1934.

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

Exports

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No. 915. VALUE OF AGRICULTURAL EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS, BY PROGRAM: 1955 TO 1963

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

ITEM	1955-63, total	1955-58	1959	1960	1961	1962	1963
Agricultural exports ¹	38,773	15,371	3,719	4,517	4,946	5,142	5,078
Outside Government programs ^{1,2}	25,994	9,930	2,405	3,207	3,374	3,482	3,536
Under Government programs ¹	12,779	5,441	1,254	1,310	1,572	1,660	1,542
Agricultural Trade Development and Assistance Act (Public Law 480)	10,703	4,015	1,044	1,143	1,386	1,586	1,529
Sales for foreign currency (Title I)	6,085	2,080	725	825	952	1,024	1,079
Disaster relief (Title II)	956	384	56	65	146	176	159
Barter ³	1,607	924	132	149	144	198	60
Donations ⁴	1,378	657	131	104	144	169	173
Long-term supply and dollar credit sales (Title IV)	77					19	58
Mutual Security Programs, Agency for International Development and predecessor agencies sales for local currency and economic aid ⁵	2,076	1,426	210	167	186	74	13

¹ Sources of values for Government-financed programs are different from those for total exports; therefore not fully comparable in regard to valuation, shipping period, etc. Entries for "outside Government programs" are the residuals of the other 2 series.

² Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with Governmental assistance in the form of (a) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (b) sales of Government-owned commodities below domestic market prices, and (c) export payments in cash or in kind.

³ Values represent deliveries to contractors at export market value. Barter program is authorized under the charter act of the Commodity Credit Corporation, Title III, P.L. 480 (1954), and other legislation.

⁴ Authorized under the Agricultural Act of 1949 and Title III, P.L. 480.

⁵ Values shown are disbursements for exports and may differ from actual movement of goods during the year.

No. 916. VALUE OF TOTAL AGRICULTURAL EXPORTS AND EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS, BY COMMODITIES: 1960 TO 1963

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Total exports include food for relief and charity. See table 915 for programs covered]

COMMODITY	1960		1961		1962		1963	
	Total	Under specified programs ¹						
Total	4,516.8	1,310.4	4,946.3	1,572.8	5,142.0	1,660.5	5,078.2	1,542.5
Wheat	706.3	541.8	967.8	711.9	1,093.6	751.5	973.4	746.1
Wheat flour	162.5	108.7	183.3	132.5	192.4	155.7	184.5	133.3
Corn, except seed	277.3	70.8	324.9	64.4	485.3	128.2	507.4	62.2
Grain sorghums	109.3	25.0	96.9	23.5	96.3	29.3	134.6	20.8
Oats	32.0	.7	19.4	.4	18.5	.3	16.6	-----
Barley	120.7	53.0	88.5	62.0	100.0	27.9	70.9	10.6
Cornmeal	14.6	13.6	17.2	16.8	19.2	16.3	20.8	17.3
Rice, milled	136.2	73.5	132.1	80.2	132.4	58.2	161.5	88.5
Cotton	825.7	155.6	936.8	230.7	662.8	173.6	491.5	164.2
Tobacco, unmanufactured	341.9	69.1	385.2	71.1	407.5	67.1	378.4	35.9
Soybeans	290.9	24.5	344.4	18.6	374.2	12.0	441.3	9.6
Lard	62.0	-----	55.5	-----	48.1	-----	41.2	.2
Tallow, edible and inedible	109.2	8.7	100.6	7.5	111.0	18.1	90.7	21.3
Soybean oil	109.0	72.2	97.8	62.0	117.3	76.0	132.5	60.3
Cottonseed oil	68.9	25.2	51.1	15.0	58.5	34.5	49.6	19.3
Milk, evap., condensed	24.4	10.1	29.4	11.7	21.2	11.2	21.4	12.6
Milk, whole dried	16.8	.1	10.6	.2	8.9	.8	10.3	2.7
Milk, nonfat dried	51.1	40.8	66.7	51.8	73.5	55.1	88.6	66.5
Infants' and dietetic foods	11.0	.4	12.4	.6	11.9	.8	10.2	.4
Poultry, fresh or frozen	37.2	.3	53.5	.3	80.8	.3	51.0	1.4
Hides and skins	69.3	1.3	82.7	3.2	83.9	6.0	78.9	1.9
Beans, dry edible, except seed	29.8	1.7	17.6	-----	13.4	3.2	26.6	8.0
Dried fruits	38.4	.3	41.3	-----	46.2	-----	42.4	-----
Fruits and juices, fresh, frozen, and canned	210.3	.8	212.2	.9	235.9	.6	237.4	.2
All other	653.0	12.2	618.4	7.5	659.2	32.8	816.5	59.2

¹ Sources of values for specified Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Instances in which exports under Government-financed programs exceed total exports are due to noncomparability of data.

Source of tables 915 and 916: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*, and monthly report, *Foreign Agricultural Trade of the United States*.

No. 917. SELECTED AGRICULTURAL PRODUCTS—U.S. AND WORLD PRODUCTION AND EXPORTS: 1963

[Cotton and all grains on crop-year basis; other commodities on calendar-year basis and partially estimated.
Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

COMMODITY	UNIT	PRODUCTION			EXPORTS		
		U. S.	World		U. S.	World	
			Total	Percent U. S.		Total	Percent U. S.
Wheat	Million bushels	1,094	8,735	12.5	638	1,579	40.4
Oats	Million bushels	1,032	3,435	30.0	25	98	25.5
Corn for grain	Million bushels	3,637	7,485	48.6	414	789	52.5
Barley	Million bushels	429	3,875	11.1	68	225	30.2
Soybeans	Million bushels	727	1,099	66.2	175	194	90.2
Rice ¹	1,000 metric tons	2,097	100,742	2.1	1,195	6,500	18.4
Lard	Million pounds	2,476	7,210	34.3	538	825	65.2
Tallow and greases	Million pounds	4,310	7,840	55.0	1,880	2,500	75.6
Tobacco ²	Million pounds	2,337	9,165	24.3	505	1,660	30.4
Edible vegetable oils	1,000 tons	3,402	³ 14,823	32.4	⁴ 1,092	⁵ 3,522	48.1
Cotton	1,000 bales ⁶	14,867	48,208	30.8	3,429	15,728	21.8

¹ Milled basis. ² Unmanufactured.³ U.S. oil production figures include oil equivalent of exported oilseeds.⁴ Excludes reexports and exports of oil produced from imported raw materials.⁵ Exports from producing countries. ⁶ Bales of 500 pounds, gross weight.

Source: Dept. of Agriculture, Foreign Agricultural Service. Appears irregularly in *World Agriculture Production and Trade*.

No. 918. ALL CROPS—ACREAGE AND VALUE: 1924 TO 1959

[Beginning 1959, includes Alaska and Hawaii]

CROP AND YEAR	Acreage	Value	Average value per acre	CROP AND YEAR	Acreage	Value	Average value per acre
Cropland harvested:				Field crops ³ —Con.	1,000	\$1,000,000	Dollars
1924	344,549	\$1,000,000	Dollars	1944 ²	343,798	11,892	34.59
1929	359,242			1949	341,893	14,322	41.89
1934	295,624			1954	329,858	16,376	49.65
1939	321,242			1959	308,187	16,084	52.19
1944	352,866			Vegetables: ⁴ 5			
1949	344,399			1929	2,812	522	
1954	332,870			1934	3,774	8137	
1959	311,476			1939	3,053	411	
All crops: ¹				1944 ²	4,370	1,038	
1924	n.a.	7,473	n.a.	1949	3,865	7,607	
1929	361,945	8,224	22.72	1954	3,740	7,645	
1934	288,642	4,479	15.00	1959	3,491	7,740	211.88
1939	324,238	5,705	17.60	Fruits and nuts and horticultural specialties:			
1944 ²	353,355	14,440	40.87	1929 ⁸	6,473	801	123.81
1949	350,901	16,296	46.44	1934 ⁴	6,448	392	60.84
1954	338,027	18,680	55.26	1939	5,525	531	96.09
1959	316,262	18,846	59.59	1944 ⁸	5,187	1,516	292.21
Field crops: ³				1949 ⁹	5,143	1,367	265.82
1929	352,660	6,900	19.57	1954 ¹⁰	4,429	1,058	374.42
1934 ⁴	288,421	3,950	13.69	1959 ¹⁰	4,584	2,022	441.18
1939	315,660	4,764	15.09				

¹ n.a. Not available.

² Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

³ Total for specified crops.⁴ Irish and sweetpotatoes included with "Field crops," not with "Vegetables."⁵ Only strawberries included in small fruits; other small fruits included in field crops.

⁶ Acreage represents vegetables harvested for sale only; acreage in farm gardens not available. Value comprises both vegetables for home use and for sale, except as noted.

⁷ Farm garden vegetables for home use only. ⁸ Vegetables harvested for sale.⁹ Acreage of horticultural specialties not included.¹⁰ Excludes acreage on farms reporting less than one-half acre in orchards, vineyards, and planted nut trees.¹¹ Excludes data for farms with less than 20 trees or grapevines.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II.

Crop Acreage, Production, and Value

649

No. 919. CROPS—ACREAGE AND PRODUCTION, 1954 AND 1959, AND VALUE, 1959

[Beginning 1959, includes Alaska and Hawaii]

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)		Value (\$1,000, 1959)	
	1954	1959	Unit	1954	1959	
All crops harvested	1,338,027	316,262				18,845,552
All field crops ¹	329,858	308,187				16,083,564
Corn for all purposes ²	78,123	79,616				4,384,428
Sorghum for all purposes	4817,566	17,927				577,466
All wheat threshed ⁴	51,362	49,567	Bu.	908,928	1,055,025	1,871,911
Oats threshed	37,921	26,573	Bu.	1,314,142	1,001,092	638,797
Barley threshed ⁴	12,556	14,199	Bu.	354,716	398,312	343,301
Rye threshed ⁴	1,450	1,392	Bu.	21,844	21,800	22,327
Mixed grains threshed ⁴	932		Bu.	27,490		
Flaxseed threshed ⁴	5,179	2,848	Bu.	35,495	19,597	50,672
Rice threshed ⁴	2,498	1,617	Bu.	145,076	120,896	249,380
Soybeans harvested for beans	16,444	22,080	Bu.	824,065	515,628	1,017,902
Soybeans hogged or grazed or cut for silage	4,531	411			n.a.	7,771
Cowpeas harvested for dry peas	268	179	Bu.	1,180	1,475	5,974
Cowpeas hogged or grazed or cut for silage	4,205	125			n.a.	2,642
Soybeans and cowpeas cut for hay	1,074	434	Tons	994	540	12,722
Peanuts harvested for nuts	1,270	1,333	Lb.	884,664	1,413,428	135,097
Peanut vines or tops saved for hay	1,002	327	Tons	599	197	3,751
All dry field and seed beans other than velvet-beans, soybeans, and mungbeans	1,455	1,414	100-lb. bags	17,125	19,087	137,756
All dry field and seed peas other than cowpeas and Austrian peas	255	344	100-lb. bags	5,624	8,322	20,247
All hay, excl. sorghum for hay and specified annual legumes	69,940	63,549	Tons	103,597	106,590	2,180,622
Alfalfa cut for hay	4,26,008	26,107	Tons	459,914	59,871	1,270,128
Clover or timothy cut for hay	4,16,930	14,040	Tons	423,687	22,063	437,293
Lespedeza cut for hay ⁴	3,301	3,089	Tons	2,826	3,768	80,224
Small grains cut for hay	4,674	3,551	Tons	45,096	3,655	71,565
Wild hay cut ⁴	12,473	10,474	Tons	9,584	8,636	143,759
Other hay cut ⁷	5,398	5,031	Tons	5,497	6,204	119,078
Silage made from grass or hay crops ⁸	1,156	1,257	Tons	96,642	2,396	58,575
Alfalfa seed harvested	1,015	673	Bu.	2,676	1,812	31,493
Red clover seed harvested	860	1,141	Bu.	2,925	1,473	22,805
Lespedeza seed harvested	520	422	Lb.	90,106	94,706	9,063
Cotton harvested (lint)	18,858	14,649	Bales	12,921	13,914	2,120,230
Cottonseed		n.a.	Tons	5,413	5,745	222,418
Tobacco harvested	1,557	1,108	Lb.	1,921,526	1,646,513	947,626
Sugarcane cut for sugar	279	408	Tons	6,532	16,568	121,342
Sugarcane or cane for sirup	10,47	15	Gal.	103,824	3,070	3,847
Sugar beets harvested for sugar	864	912	Tons	13,638	16,822	187,340
Hops harvested	26	33	Lb.	38,372	54,602	27,112
Irish potatoes harvested	11,1,211	1,200	Bu.	340,188	373,567	479,510
Sweetpotatoes harvested	11,261	218	Bu.	27,397	29,386	55,707
All other						186,306
Vegetables harvested for sale ²	3,740	3,491				739,627
All fruits and nuts and horticultural specialties ¹²	4,429	4,584				2,022,361
Strawberries	80	85	Qt.	206,464	279,296	74,610
Other berries and small fruits	110	107	Qt.		220,275	37,521
Treasure fruits, nuts and grapes (excl. nurseries) ¹²	4,003	4,120				1,294,893
Horticultural specialties	235	272				615,338

^{n.a.} Not available.¹ Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seed enumerated, some of which was harvested from land also cut for hay.² Irish and sweet potatoes included with "Field crops," not with "Vegetables."³ Excludes sweet corn, popcorn, Egyptian corn, kafir, and milo maize.⁴ Totals are for States for which data are available.⁵ Excludes sorghum for syrup.⁶ Includes grass silage converted to dry weight basis.⁷ Includes hay listed above in those States where separate inquiries were not on the questionnaire.⁸ Silage crops other than corn and sorghums. ⁹ Green weight.¹⁰ Includes sorghum for syrup.¹¹ Excludes acreage for farms with less than 20 bushels harvested.¹² Except for horticultural specialties, 1954 figures exclude data for farms with less than 20 trees or grapevines.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 920. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1963

[Excludes Alaska and Hawaii. For weights of units of measurement for principal products, see p. 944. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics, Colonial Times to 1957*, series K 265-312, for acreage harvested, production, and price data for all crops listed except sorghums, peanuts, and dry beans]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²
WHEAT										
RYE										
1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	
1931-1935-----	51,926	680,888	407,254	13.1	0.60	2,980	33,134	13,888	11.1	0.42
1936-1940-----	57,687	795,913	614,156	13.8	.77	3,526	41,474	21,149	11.8	.51
1941-1945-----	56,396	984,580	1,252,433	17.5	1.27	2,800	34,344	28,118	12.3	.82
1946-1950-----	70,312	1,184,740	2,308,373	16.9	2.01	1,791	21,875	36,215	12.2	1.63
1951-1955-----	60,497	1,077,261	2,229,223	17.9	2.07	1,678	22,322	29,523	13.2	1.37
1956-1960-----	50,040	1,179,392	2,142,334	23.5	1.88	1,656	27,823	28,565	16.7	1.03
1959-----	51,781	1,121,118	1,974,891	21.7	1.76	1,457	23,076	23,354	15.8	1.00
1960-----	51,896	1,357,272	2,368,414	26.2	1.75	1,684	33,052	20,621	19.6	.88
1961-----	51,551	1,234,743	2,258,968	24.0	1.83	1,550	27,476	27,868	17.7	1.01
1962-----	43,541	1,093,667	2,228,263	25.1	2.04	1,987	40,803	39,139	20.5	.94
1963 (prel.)-----	45,256	1,137,641	2,119,852	25.1	1.87	1,611	29,407	31,802	18.3	1.07
RICE, ROUGH										
CORN FOR GRAIN										
1,000 acres	1,000 cwt.	\$1,000	Pounds per cwt.	Dollars per cwt.	1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	
1931-1935-----	853	18,214	25,526	2,135	1.40	84,854	2,012,283	-----	23.3	
1936-1940-----	1,054	23,782	38,784	2,256	1.63	77,319	2,091,335	-----	26.8	
1941-1945-----	1,424	28,617	106,891	2,010	3.74	80,291	2,652,763	-----	33.1	
1946-1950-----	1,718	37,116	184,857	2,161	5.01	75,711	2,808,345	-----	37.0	
1951-1955-----	2,106	53,442	268,164	2,549	5.05	70,082	2,814,481	-----	40.2	
1956-1960-----	1,501	49,078	232,804	3,265	4.76	67,046	3,441,913	3,797,615	51.2	1.11
1959-----	1,586	53,647	246,317	3,382	4.59	72,001	3,824,598	3,970,801	53.1	1.04
1960-----	1,505	54,591	248,445	3,423	4.55	71,649	3,908,070	3,891,847	54.5	1.06
1961-----	1,589	54,198	278,599	3,411	5.14	68,449	3,625,530	3,908,217	62.0	1.08
1962-----	1,773	66,045	332,290	3,726	5.03	56,609	3,636,673	4,005,616	64.2	1.10
1963 (prel.)-----	1,709	70,083	351,751	3,962	5.02	60,654	4,081,791	4,403,649	67.3	1.00
SORGHUMS FOR GRAIN										
OATS										
1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	
1931-1935-----	4,058	53,843	23,763	13.3	0.44	37,597	973,920	252,598	25.9	.26
1936-1940-----	4,708	61,306	31,926	13.0	.52	34,826	1,052,573	328,074	30.2	.31
1941-1945-----	6,921	122,755	111,216	17.7	.91	30,350	1,287,222	759,269	32.2	.60
1946-1950-----	7,283	142,531	170,801	19.2	1.33	39,409	1,338,044	1,071,144	33.9	.81
1951-1955-----	8,955	169,507	208,759	18.7	1.29	37,872	1,310,773	950,458	34.6	.73
1956-1960-----	15,282	505,695	470,563	32.4	.96	30,617	1,210,012	751,782	39.7	.62
1959-----	15,402	555,211	471,813	36.0	.86	27,793	1,052,050	678,551	37.9	.65
1960-----	15,592	619,867	514,743	39.8	.84	26,646	1,155,312	694,123	43.4	.60
1961-----	10,957	479,751	481,362	43.8	1.01	23,994	1,011,393	650,205	42.2	.64
1962-----	11,536	509,685	515,920	44.2	1.02	22,675	1,020,371	641,455	45.0	.62
1963 (prel.)-----	13,488	583,466	568,923	43.3	.99	21,757	980,910	621,971	45.1	.63
BARLEY										
HAY										
1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Dollars per bushel	1,000 acres	1,000 short tons	\$1,000	Short tons	Dollars per ton ⁴	
1931-1935-----	10,608	211,714	77,607	20.0	.37	68,190	76,960	651,795	1.13	8.47
1936-1940-----	11,034	243,144	113,228	22.0	.47	68,842	85,404	790,145	1.24	9.25
1941-1945-----	13,778	331,646	266,988	24.1	.81	75,861	103,385	1,754,218	1.36	16.97
1946-1950-----	10,853	280,661	361,352	25.8	1.29	73,639	99,415	2,174,267	1.35	21.99
1951-1955-----	10,847	302,885	337,641	27.9	1.15	74,777	108,955	2,455,472	1.46	22.50
1956-1960-----	14,274	430,096	380,760	30.1	.90	69,654	115,467	2,282,215	1.66	20.80
1959-----	14,918	422,383	359,629	28.3	.86	66,274	110,978	2,310,717	1.67	22.30
1960-----	13,939	431,309	357,299	30.9	.84	67,246	118,236	2,409,628	1.76	21.60
1961-----	12,946	398,699	379,247	30.6	.98	67,159	116,819	2,400,227	1.74	20.76
1962-----	12,430	436,448	394,519	35.1	.92	67,646	121,566	2,545,725	1.80	21.69
1963 (prel.)-----	11,538	399,921	355,549	34.7	.90	66,728	116,525	2,660,080	1.75	24.50

See footnotes at end of table.

Principal Crops

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No. 920. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1963—Con.

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²
IRISH POTATOES										
1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.		1,000 acres	1,000 cwt.	\$1,000	Lb.	Dollars per cwt.
1931-1935	3,509.7	6226,511	199,490	64.5	0.89	1,687	11,687	31,127	739	2.66
1936-1940	2,906.9	6213,065	238,482	73.4	1.14	1,709	14,094	47,639	882	3.38
1941-1945	2,809.3	6238,417	488,528	84.9	2.02	1,958	16,219	91,725	897	5.22
1946-1950	1,992.4	6259,156	503,787	131.7	2.18	1,747	16,980	147,118	970	8.81
1951-1955	1,420.0	6217,159	470,247	152.9	2.25	1,414	16,171	128,411	1,146	7.96
1956-1960	1,378.4	6251,689	476,191	182.6	1.90	1,462	17,809	124,479	1,217	7.00
1959	1,336.3	6245,799	556,653	183.9	2.27	1,460	18,939	132,335	1,297	6.99
1960	1,308.9	6257,435	513,749	184.3	2.05	1,434	17,917	128,336	1,249	7.22
1961	1,495.9	6293,594	401,204	106.3	1.36	1,449	20,287	142,220	1,400	7.01
1962	1,376.5	6266,703	444,674	193.8	1.66	1,467	18,599	128,288	1,268	6.89
1963 (prel.)	1,360.8	6275,541	426,618	202.5	1.55	1,425	20,710	147,387	1,453	7.11
PEANUTS (PICKED AND THRESHED)										
1,000 acres ⁷	1,000 pounds	\$1,000	Lb.	Dollars per lb. ⁵		1,000 acres	1,000 bushels	\$1,000	Bushels	Dollars per bu. ⁶
1931-1935	1,434	996,762	24,907	695	0.03	1,531	23,597	17,616	15.4	0.75
1936-1940	1,770	1,352,243	45,952	764	.03	3,420	61,995	53,373	18.1	.88
1941-1945	3,002	1,983,497	138,650	664	.07	9,433	174,028	321,668	18.4	1.85
1946-1950	2,877	2,091,121	213,426	742	.10	11,263	230,101	580,784	20.4	2.56
1951-1955	1,559	1,429,136	160,054	894	.11	15,709	313,308	797,884	20.0	2.57
1956-1960	1,449	1,646,264	170,498	1,137	.10	22,351	520,226	1,074,974	23.2	2.07
1959	1,453	1,587,799	152,009	1,092	.10	22,631	532,899	1,046,468	23.5	1.96
1960	1,410	1,756,266	178,724	1,266	.10	23,655	555,307	1,185,352	23.5	2.13
1961	1,410	1,739,600	190,942	1,234	.11	27,008	679,566	1,546,263	25.2	2.28
1962	1,412	1,809,880	199,266	1,282	.11	27,604	669,211	1,564,470	24.2	2.34
1963 (prel.)	1,410	1,975,440	220,786	1,401	.11	28,628	701,465	1,845,339	24.5	2.63
FLAXSEED										
1,000 acres	1,000 bushels	\$1,000	Bushels	Dollars per bushel		1,000 acres	1,000 pounds	\$1,000	Lb.	Dollars per lb.
1931-1935	1,778	10,161	13,201	5.7	.30	1,569	1,268,339	175,681	808	0.14
1936-1940	1,662	14,193	21,715	8.5	1.53	1,641	1,491,701	277,578	909	.19
1941-1945	3,052	35,868	91,690	9.1	2.56	1,542	1,603,694	618,116	1,040	.39
1946-1950	4,134	40,244	188,915	9.7	4.57	1,718	2,080,041	973,979	1,215	.47
1951-1955	4,471	36,845	124,779	8.3	3.41	1,670	2,216,695	1,141,035	1,331	.51
1956-1960	4,044	32,240	91,900	8.1	2.85	1,172	1,864,022	1,075,408	1,591	.58
1959	2,932	21,237	63,795	7.2	3.00	1,153	1,706,415	1,048,043	1,558	.58
1960	3,342	30,402	80,533	9.1	2.65	1,142	1,944,175	1,183,777	1,703	.61
1961	2,514	22,178	72,405	8.8	3.26	1,174	2,061,392	1,314,789	1,755	.64
1962	2,808	32,230	91,252	11.5	2.83	1,225	2,314,364	1,363,079	1,890	.59
1963 (prel.)	3,238	31,481	87,716	9.7	2.79	1,175	2,271,942	1,314,287	1,933	.58
COTTON (EXCLUDING LINTERS) ⁸										
1,000 acres	1,000 bales ⁹	\$1,000	Lb.	Cents per pound		1,000 short tons	1,000 short tons	\$1,000		Dollars per ton
1931-1935	31,671	12,684	551,305	191	9.16	5,505	95,829	-----	-----	19.16
1936-1940	27,058	13,534	646,935	239	9.67	5,684	132,166	-----	-----	23.49
1941-1945	20,619	11,247	1,110,889	262	19.85	4,602	228,712	-----	-----	49.83
1946-1950	21,421	12,304	1,974,605	273	32.72	4,961	338,783	-----	-----	70.96
1951-1955	22,678	15,034	2,565,259	326	34.13	6,195	387,108	-----	-----	59.28
1956-1960	14,290	12,923	2,021,088	434	31.30	5,338	243,317	-----	-----	45.92
1959	15,117	14,558	2,304,285	461	31.66	5,991	232,115	-----	-----	38.80
1960	15,309	14,272	2,154,165	446	30.19	5,886	249,977	-----	-----	42.60
1961	15,634	14,318	2,356,309	438	32.02	5,978	305,322	-----	-----	51.10
1962	16,569	14,867	2,370,480	457	31.90	6,096	291,794	-----	-----	47.90
1963 (prel.)	14,230	15,548	2,541,142	524	30.32	6,451	330,619	-----	-----	51.30
COTTONSEED										

¹ Values are based on season average prices; see notes on "Price" column.

² Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1958, but weighted by sales beginning 1958. For certain years, prices for wheat, rye, rice, corn for grain, grain sorghums, oats, barley, dry edible beans, soybeans, flaxseed, cotton, and cottonseed include an allowance for unredeemed loans and purchase agreement deliveries. See also notes on prices for each crop. ³ Based on reported price of grain sorghums. ⁴ Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose. ⁵ Cleaned basis.

⁶ Includes following quantities of potatoes not marketed and excluded in computing value (1,000 cwt.): 1931, 40; 1932, 1,305; 1937, 43; 1939, 774; 1943, 204; 1950, 741; 1951, 656; 1953, 3,068; 1955, 1,147; 1957, 534; 1958, 984; 1959, 248; 1961, 48; 1963, 338.

⁷ Equivalent solid acreage.

⁸ State production figures, which conform with Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for United States totals. ⁹ Bales of 500 pounds, gross weight.

¹⁰ Average price to Dec. 1.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*, and annual summaries, *Crop Production* and *Crop Values*.

No. 921. SELECTED CROPS—ACREAGE, PRODUCTION, VALUE, AND PRINCIPAL PRODUCING STATES: 1957 TO 1963

[Excludes Alaska and Hawaii, except as noted. For weights of units of measurement, see p. 944 and specific crop tables.]

CROP	ACREAGE HARVESTED (1,000)			PRODUCTION (1,000)			FARM VALUE (\$1,000)			Principal States in order of production, 1963
	1957-1961, avg.	1962	1963 (prev.)	Unit	1957-1961, avg.	1962	1963 (prev.)	1950	1962	
Corn, for grain.				Bu.	3,551,982	3,636,673	4,081,701	4,222,365	4,005,616	Iowa, Ill., Ind., Minn.
Wheat.	56,761	60,654	60,654	Bu.	1,225,262	1,083,667	1,137,641	2,042,206	2,28,203	Kans., N. Dak., Mont., Okla., Minn., Iowa, Wis., S. Dak.
Oats.	50,406	45,256	45,256	Bu.	1,182,012	1,071	980,920	1,081,033	641,455	621,971
Barley.	28,749	22,675	21,757	Bu.	433,888	436,448	399,920	357,587	334,519	355,540
Rye.	14,243	12,430	11,538	Bu.	29,050	30,803	29,207	28,256	39,138	31,821
Rice, rough.	1,641	1,605	1,611	Cwt.	66,045	70,032	19,748	332,296	351,751	296,252
Flaxseed.	1,705	1,773	1,769	Bu.	50,026	50,026	19,748	19,748	19,748	19,748
Sorghum, green.	15,631	2,808	3,238	Bu.	27,268	32,230	31,481	134,531	91,252	87,716
Sorghum, forage.	2,451	13,488	13,488	Bu.	560,685	559,466	559,466	515,920	568,922	571,122
Cotton, lint.	14,236	2,526	2,526	Sh. tons ¹	4,469	3,889	4,562	8,764	7,025	Kans., Tex., Okla., Colo., Miss., Calif., Ark.
Cottonseed.	15,569	15,569	15,569	Sh. tons.	13,125	14,807	15,548	2,005,684	2,370,450	2,771,207
Hay, all.				Sh. tons.	5,462	6,096	6,451	354,593	201,794	330,619
Alfalfa seed.	65,428	67,646	66,728	Sh. tons.	117,235	121,566	116,525	2,221,644	2,545,725	2,660,080
Red clover seed.	1,004	1,467	1,426	Sh. tons.	140,203	119,338	160,520	40,520	48,913	49,493
Beans, dry edible.	1,468	893	808	Bu.	77,729	70,056	69,739	45,411	42,207	42,207
Soybeans for beans.	23,629	27,604	28,628	Bu.	18,420	18,539	20,710	111,861	128,288	127,336
Peanuts, picked and threshed.	1,403	1,376	1,361	Bu.	566,289	669,211	701,466	737,700	1,564,470	1,845,339
Sweetpotatoes.	1,236	2,324	2,011	Cwt.	17,630	19,362	16,157	85,589	107,188	107,188
Tobacco.	1,134	1,225	1,176	Bd.	1,841,189	2,014,304	2,271,942	1,048,635	1,303,079	1,314,287
Sugarcane for sugar and seed.	417	412	410	Lb.	1,672,691	1,809,880	1,975,440	221,881	199,266	220,786
Sugarbeets.	942	1,376	1,361	Cwt.	3,261,249	2,663,703	2,275,541	393,404	444,674	453,613
Hops.	29	1,236	1,225	Bd.	1,167,201	1,167,201	1,167,201	1,036,635	1,036,635	1,036,635
Apples, commercial crop.				Bu.	6,121,734	6,125,675	6,122,665	246,875	245,319	245,319
Pears.				Bu.	6,722,734	6,75,489	6,73,671	97,373	134,333	143,496
Grapes.				Bd.	6,28,329	29,294	18,732	52,105	51,754	49,555
Cherries.				Sh. tons.	6,28,959	6,3,239	3,807	182,272	201,272	196,149
Prunes, all (fresh basis).				Sh. tons.	6,221	6,287	6,152	30,641	47,500	46,654
Strawberries.				Sh. tons.	6,193	1,236	23,189	151,199	238,233	23,997
Oranges.				Sh. tons.	6,400	6,456	6,200	20,404	48,580	48,580
Grapefruit.				Boxes.	6,254	263	265	8,376	8,233	94,538
Lemons.				Boxes.	6,123,985	6,104,915	99,470	7,23,283	311,057	322,574
Pecans.				Boxes.	6,34,740	6,42,282	32,400	50,738	54,189	54,189
Walnuts.				Sh. tons.	6,16,890	12,890	16,360	37,920	49,304	63,026
Almonds.				Sh. tons.	1,78,840	70,800	290,000	35,901	24,879	54,793
Lettuce, commercial.				Sh. tons.	52	48	66	78	37,331	35,584
Tomatoes, commercial.	496	487	400	Sh. tons.	9,190	9,216	9,1,878	31,592	31,592	33,000
				Sh. tons.	4,871	6,418	6,076	19,739	19,739	161,226
								302,805	302,805	259,686

¹ Dry weight. ² Based on 1958-62 average ratio of bushels to catties.³ Includes Hawaii. ⁴ Includes Hawaii. ⁵ Based on average marketing prices to Dec. 10, 1963.⁶ Includes some quantities not harvested. ⁷ Includes tangerines. ⁸ Includes Alaska and Hawaii. ⁹ Includes short-time averages for Arizona.

Source: Dept. of Agriculture, Statistical Reporting Service.

In annual report, *Agricultural Statistics*, and annual summaries, *Crop Production, Commercial Vegetables, Seed Grains, and Crop Values*.

No. 922. PRINCIPAL CROPS—ACREAGE, VALUE, AND CROPS IN ORDER OF VALUE,
BY STATES: 1957 TO 1963

[Acreage covers 59 major field crops and vegetables; value covers 78 major field crops, vegetables, fruits, and nuts]

STATE	HARVESTED ACREAGE OF 59 CROPS (1,000)			FARM VALUE OF 78 CROPS (\$1,000)		Crops in order of value, 1963
	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	
U.S.:	311,879	287,116	292,566	20,290,190	21,376,984	Corn, hay, cotton lint, wheat.
N.E.:						
Maine	717	673	663	71,891	64,886	Potatoes, hay, apples, oats.
N.H.	219	190	186	13,458	12,692	Hay, apples, potatoes, maple syrup.
Vt.	813	764	753	41,111	38,603	Hay, apples, maple syrup, potatoes.
Mass.	283	264	257	50,251	48,532	Hay, tobacco, apples, cranberries.
R.I.	33	33	33	5,321	5,324	Potatoes, hay, apples, sweet corn.
Conn.	245	229	226	47,010	49,036	Tobacco, hay, potatoes, apples.
M.A.:						
N.Y.	4,982	4,673	4,706	352,704	368,144	Hay, apples, potatoes, oats.
N.J.	658	604	612	109,177	107,003	Hay, tomatoes, asparagus, potatoes.
Pa.	4,918	4,642	4,734	276,903	306,485	Hay, corn, wheat, oats.
E.N.C.:						
Ohio	9,514	8,868	9,105	578,338	624,503	Corn, soybeans, wheat, hay.
Ind.	10,895	10,436	10,801	743,276	822,285	Corn, soybeans, wheat, hay.
Ill.	20,554	19,577	20,278	1,418,936	1,566,463	Corn, soybeans, wheat, hay.
Mich.	6,881	6,406	6,697	430,101	468,283	Corn, hay, wheat, dry beans.
Wis.	9,626	9,274	9,325	460,355	471,428	Hay, corn, oats, potatoes.
W.N.C.:						
Minn.	18,875	16,804	17,914	727,149	804,102	Corn, soybeans, hay, oats.
Iowa	22,399	20,218	21,098	1,264,919	1,412,384	Corn, soybeans, hay, oats.
Mo.	12,337	11,086	11,630	604,934	698,476	Corn, soybeans, hay, cotton lint.
N. Dak.	19,433	17,541	17,822	646,856	512,240	Wheat, barley, hay, flaxseed.
S. Dak.	15,579	14,003	14,291	367,994	378,289	Corn, hay, wheat, oats.
Nebr.	17,998	16,802	17,106	725,043	716,447	Corn, wheat, hay, sorghum grain.
Kans.	20,504	18,899	19,035	792,742	706,839	Wheat, sorghum grain, hay, corn.
S.A.:						
Del.	476	488	506	34,888	35,306	Corn, soybeans, potatoes, lima beans.
Md.	1,518	1,537	1,554	119,927	113,016	Corn, hay, tobacco, soybeans.
Va.	3,034	2,964	2,768	317,791	245,128	Tobacco, hay, corn, peanuts.
W. Va.	803	804	808	47,659	49,272	Hay, apples, corn, tobacco.
N.C.	5,043	4,363	4,475	808,398	870,607	Tobacco, corn, cotton lint, peanuts.
S.C.	2,903	2,559	2,657	304,982	310,730	Tobacco, cotton lint, soybeans, corn.
Ga.	4,754	4,155	4,225	368,910	454,198	Cotton lint, corn, tobacco, peanuts.
Fla.	1,131	1,109	1,200	524,089	532,802	Oranges, sugarcane for sugar and seed, tomatoes, grapefruit.
E.S.C.:						
Ky.	3,075	3,563	3,597	441,767	484,600	Tobacco, corn, hay, soybeans.
Tenn.	4,144	3,703	3,858	320,450	374,413	Cotton lint, tobacco, corn, hay.
Ala.	3,749	3,218	3,209	236,631	302,573	Cotton lint, corn, peanuts, hay.
Miss.	4,622	4,372	4,480	435,886	556,546	Cotton lint, soybeans, cottonseed, corn.
W.S.C.:						
Ark.	5,301	5,715	5,755	530,218	560,385	Cotton lint, soybeans, rice, cottonseed.
La.	2,377	2,382	2,487	271,114	366,975	Cotton lint, sugarcane for sugar and seed, rice, soybeans.
Okla.	9,247	8,203	7,901	323,309	333,849	Wheat, hay, cotton lint, sorghum grain.
Tex.	23,054	20,160	19,876	1,439,132	1,504,234	Cotton lint, sorghum grain, cottonseed, rice.
Mt.:						
Mont.	8,399	8,141	8,142	288,518	287,912	Wheat, hay, barley, sugarbeets.
Idaho	8,776	8,742	8,784	300,727	312,470	Wheat, potatoes, hay, sugarbeets.
Wyo.	1,772	1,778	1,785	56,042	63,502	Hay, wheat, sugarbeets, dry beans.
Colo.	6,357	5,671	5,295	272,680	248,956	Hay, wheat, sugarbeets, sorghum grain.
N. Mex.	1,098	1,024	1,087	108,952	121,370	Cotton lint, hay, sorghum grain, wheat.
Arizona	1,160	1,062	1,061	312,490	316,940	Cotton lint, lettuce, hay, cottonseed.
Utah	1,109	1,037	1,022	65,968	64,162	Hay, wheat, barley, sugarbeets.
Nev.	373	393	377	18,804	21,945	Hay, wheat, alfalfa seed, cotton lint.
Pac. ¹ :						
Wash.	4,226	3,829	4,105	362,652	380,738	Wheat, apples, hay, barley.
Oreg.	2,787	2,502	2,614	210,869	214,699	Wheat, hay, barley, snap beans.
Calif.	6,985	6,596	6,517	1,969,850	1,977,182	Cotton lint, hay, grapes, oranges.

¹ Excludes Alaska and Hawaii.

No. 923. WHEAT—SUPPLY AND DISAPPEARANCE: 1941 TO 1963

[In millions of 60-pound bushels. For years beginning July 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See *Historical Statistics, Colonial Times to 1957*, series K 272-273, for stocks on and off farms]

ITEM	1941-1945, average	1946-1950, average	1951-1955, average	1956-1960, average	1961	1962	1963 (prel.)
Supply	1,468	1,410	1,739	2,274	2,652	2,421	2,338
Stocks, July 1, total	446	222	646	1,086	1,411	1,322	1,195
On farms	126	62	73	78	137	102	95
Interior mills, elevator and warehouse stocks	78	51	222	567	1,204	1,160	1,062
Terminal market	136	74	240	353	(1)	(1)	(1)
Merchant mills	282	32	59	(1)	(1)	(1)	(1)
Commodity Credit Corp.	24	4	53	88	71	60	38
New crop	985	1,185	1,078	1,179	1,235	1,094	1,138
Imports ⁴	37	3	15	8	6	5	5
Disappearance	1,079	1,128	906	1,112	1,330	1,226	1,448
Food	478	480	474	481	491	493	495
Seed	74	88	76	62	56	61	65
Military procurement	69	117	12	7	7	6	5
Feed and industry	389	137	75	45	54	25	33
Exports and shipments	98	306	328	517	722	641	820
Old-crop carryover ⁵	389	282	773	1,162	1,322	1,195	800

¹ Included with "Interior mills, elevator and warehouse stocks."

² Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1941-1944.

³ Owned or controlled by CCC in storage or in transit to ports; other OCC wheat included in other categories.

⁴ Imports comprise full duty wheat, wheat imported for feed, and dutiable flour and other wheat products in terms of wheat. Compiled from reports of the Bureau of the Census.

⁵ Estimated.

⁶ For individual items, see "Stocks," above.

Source: Dept. of Agriculture, Economic Research Service; monthly report, *Wheat Situation*.

No. 924. WHEAT FLOUR PRODUCTION, BY STATES: 1945 TO 1963

[In thousands of 100-pound sacks. Represents total wheat flour production of all commercial mills (excluding custom). Beginning 1955, estimates based on monthly reports of mills with daily capacity over 400 sacks]

STATE	1945	1950	1955	1959	1960	1961	1962	1963
Total	1,274,408	224,899	225,648	250,568	255,141	260,316	262,069	263,895
California	4,945	4,607	5,741	6,279	6,520	6,533	7,622	7,682
Colorado	4,206	3,765	4,051	4,454	4,106	4,033	3,752	(2)
Illinois	14,741	12,434	14,912	15,882	16,847	17,282	17,539	17,916
Indiana	3,671	3,096	3,144	4,194	4,511	4,753	5,537	6,090
Iowa	4,407	3,125	4,325	5,029	5,599	6,231	6,061	6,152
Kansas	40,420	35,007	30,055	38,968	40,192	42,395	43,206	43,991
Michigan	4,065	4,276	5,834	6,206	6,318	6,201	6,281	6,748
Minnesota	35,139	27,893	26,108	26,201	26,148	26,317	24,883	26,532
Missouri	22,850	20,320	19,570	20,789	20,883	20,243	20,393	20,308
Montana	3,426	3,129	3,366	2,729	2,702	2,826	2,808	2,806
Nebraska	7,327	5,690	6,403	7,167	7,181	7,631	7,420	7,327
New York	32,028	27,011	25,638	28,479	27,877	28,445	29,987	29,168
North Dakota	4,089	2,701	2,866	3,389	3,441	3,769	3,445	(2)
Ohio	9,701	9,629	10,584	11,029	11,515	11,762	12,514	12,346
Oklahoma	12,037	10,488	9,871	9,306	9,296	9,348	9,030	7,866
Oregon	7,617	4,631	6,434	6,910	6,810	6,273	5,611	5,401
Texas	18,888	13,446	12,217	14,654	15,145	16,348	16,029	15,812
Utah	3,344	3,811	4,811	5,998	5,705	5,754	5,642	5,388
Washington	13,216	9,118	9,534	9,951	10,199	9,980	10,195	10,064
Other States	23,618	20,727	20,204	22,956	24,146	24,165	23,418	32,304

¹ Includes 4,596,000 sacks not distributed by State.

² Included in "Other States."

Source: Dept. of Commerce, Bureau of the Census. Monthly data in *Current Industrial Reports*, Series M20A.

No. 925. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963
 [Pounds per bushel, 60]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
Total	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
M.A.:													
N.Y.-----	251	183	196	32.3	34.5	35.5	8,121	6,314	6,958	1.96	1.80	12,375	12,524
N.J.-----	46	35	35	32.1	32.0	27.5	1,463	1,120	952	1.98	1.80	2,218	1,732
Pa.-----	540	451	487	28.6	28.0	30.5	15,453	12,628	14,854	1.98	1.70	24,372	25,252
E.N.C.:													
Ohio-----	1,404	1,209	1,402	28.7	32.0	38.0	40,445	38,688	53,276	1.97	1.70	76,215	90,569
Ind.-----	1,260	1,185	1,330	30.3	35.5	41.0	38,201	40,292	54,530	1.97	1.70	79,375	92,701
Ill.-----	1,668	1,580	1,785	28.7	32.5	40.0	47,785	51,350	71,400	2.03	1.80	104,240	128,520
Mich.-----	1,074	922	1,060	33.3	32.5	38.0	35,876	29,965	40,280	1.95	1.75	58,432	70,490
Wis.-----	56	48	56	31.9	35.2	36.8	1,799	1,691	2,058	1.90	1.77	3,213	3,636
W.N.C.:													
Minn.-----	889	702	877	25.7	24.6	24.7	22,781	17,286	21,697	2.20	2.04	38,048	44,357
Iowa-----	146	88	105	26.0	24.8	27.0	3,815	2,185	2,832	1.96	1.86	4,282	5,272
Mo.-----	1,400	976	1,191	27.0	27.0	32.5	39,156	26,352	38,708	1.98	1.85	52,177	71,610
N. Dak.-----	6,278	5,452	5,624	17.8	28.7	22.2	112,205	156,423	124,862	2.22	2.00	346,914	249,724
S. Dak.-----	2,175	1,721	2,013	17.4	17.3	14.6	38,471	29,824	20,368	2.10	1.93	62,610	56,626
Nebr.-----	3,139	2,760	2,953	27.0	19.5	21.5	84,990	53,820	63,490	1.94	1.85	104,411	117,456
Kans.-----	9,338	8,986	8,627	23.6	23.5	21.5	235,458	211,171	185,480	2.08	1.90	455,012	352,412
S.A.:													
Del.-----	26	19	21	26.3	28.5	28.0	689	542	588	1.94	1.75	1,051	1,029
Md.-----	153	124	138	25.7	27.0	28.5	3,921	3,348	3,933	1.93	1.70	6,462	6,686
Va.-----	254	179	179	24.4	23.0	22.5	6,203	4,117	4,028	1.91	1.85	7,863	7,452
W. Va.-----	26	18	19	24.6	24.0	25.0	634	432	475	1.80	1.80	778	855
N.C.-----	350	204	235	23.7	24.0	26.5	8,531	4,896	6,228	1.88	1.85	9,449	11,522
S.C.-----	153	56	70	21.9	24.0	27.0	3,283	1,344	1,890	1.93	1.85	2,594	3,496
Ga.-----	92	47	66	22.8	25.0	28.0	2,059	1,175	1,848	1.90	1.85	2,232	3,419
Fla.-----	31	35	35	25.0	27.0	-----	775	945	1,90	2.00	1,472	1,890	
E.S.C.:													
Ky.-----	173	131	145	24.7	26.0	30.0	4,239	3,408	4,350	1.94	1.80	6,608	7,830
Tenn.-----	158	107	126	21.9	23.0	28.0	3,404	2,461	3,500	1.91	1.80	4,701	6,300
Ala.-----	78	35	39	23.0	24.0	23.5	1,712	840	916	1.89	1.85	1,588	1,695
Miss.-----	77	30	42	24.5	20.0	31.0	1,707	780	1,302	1.98	1.80	1,544	2,344
W.S.C.:													
Ark.-----	142	112	168	25.6	27.5	31.0	3,653	3,080	5,208	2.00	1.80	6,160	9,374
La.-----	46	44	53	20.4	19.0	28.0	866	836	1,484	1.03	1.90	1,613	2,820
Oklahoma-----	4,339	3,741	3,501	21.7	19.0	21.0	96,233	71,079	75,411	2.04	1.90	145,001	142,281
Tex.-----	3,210	2,731	2,321	19.6	16.0	17.5	64,329	43,696	40,618	2.08	1.95	90,888	79,205
Mt.:													
Mont.-----	4,030	3,465	3,817	19.5	22.6	23.5	79,423	78,207	89,809	2.00	1.82	156,609	163,375
Idaho-----	1,145	957	1,053	35.5	33.7	36.0	40,667	36,996	88,502	1.91	1.83	70,705	70,506
Wyo.-----	204	213	241	23.0	21.4	21.1	6,110	4,551	5,091	1.85	1.74	8,416	8,843
Colo.-----	2,310	1,922	1,732	23.0	19.1	12.6	56,345	30,686	21,888	1.94	1.80	71,135	39,376
N. Mex.-----	215	213	200	20.5	20.0	19.0	4,510	4,260	3,800	2.05	1.90	8,738	7,220
Ariz.-----	65	24	27	37.8	42.0	44.0	2,406	1,008	1,188	2.11	1.95	2,127	2,317
Utah-----	245	189	192	22.3	28.8	28.4	5,470	5,446	5,447	1.89	1.86	10,270	10,184
Nev.-----	17	17	19	34.3	37.3	43.2	592	634	820	1.85	1.84	1,172	1,509
Pac.:													
Wash.-----	1,965	1,697	1,903	34.6	39.4	37.4	67,967	66,825	71,114	1.97	1.90	131,645	135,117
Oreg.-----	791	680	768	33.1	38.6	37.0	26,154	26,280	28,452	1.97	1.90	51,772	54,059
Calif.-----	341	307	316	23.8	35.1	25.3	8,134	10,768	7,991	2.02	1.92	21,778	15,317

¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

656 Agriculture—Production, Marketing, and Trade

No. 926. RYE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963
[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
Total	1,000 acres 1,641	1,000 acres 1,987	1,000 acres 1,611	Bu. 17.6	Bu. 20.5	Bu. 18.3	Bu. 29,060	Bu. 40,803	Bu. 29,407	Dol. per bu. 0.94	Dol. per bu. 1.07	\$1,000 39,139	\$1,000 31,802
Colo.	55	48	32	14.9	12.0	9.5	825	576	304	.88	.96	507	292
Del.	13	10	11	19.1	22.0	21.0	238	220	231	1.32	1.31	290	303
Ga.	21	24	27	15.3	15.5	20.0	327	372	540	1.99	2.35	740	1,269
Idaho	7	8	9	27.6	34.0	31.0	190	272	279	1.13	1.09	307	304
Ill.	62	55	56	18.5	19.0	21.0	1,136	1,045	1,176	1.05	1.11	1,097	1,305
Ind.	63	53	54	19.6	21.0	24.0	1,221	1,113	1,296	1.00	1.12	1,213	1,452
Iowa	11	5	6	18.3	18.5	20.0	210	.92	120	.92	1.04	85	125
Kans.	146	189	180	16.7	15.5	12.5	2,434	2,930	1,625	.90	.94	2,637	1,528
Ky.	15	10	11	17.7	18.0	19.0	260	180	209	1.28	1.31	230	274
Md.	18	18	19	20.1	22.0	23.0	352	396	437	1.28	1.28	507	559
Mich.	41	42	44	20.7	22.0	23.0	855	.924	1,012	.98	1.01	906	1,022
Minn.	64	86	79	18.6	17.0	19.0	1,189	1,462	1,501	.98	1.04	1,423	1,561
Mo.	46	30	33	17.8	17.0	21.0	799	510	693	1.01	1.07	515	742
Mont.	26	37	22	17.3	18.0	17.0	454	666	374	.74	.85	493	318
Nebr.	166	225	151	16.2	16.0	12.0	2,700	3,600	1,812	.88	.95	3,168	1,685
N.J.	11	10	11	22.8	22.0	21.0	256	220	231	1.13	1.15	249	266
N.Y.	17	19	20	24.2	27.0	27.0	417	513	540	1.06	1.06	544	572
N.C.	20	16	18	15.8	15.0	17.5	311	240	315	1.74	1.85	418	583
N. Dak.	272	539	399	17.1	28	21.0	4,759	15,002	8,379	.87	.97	13,130	8,128
Ohio	28	31	26	21.1	23.5	26.0	585	728	676	1.01	1.05	735	710
Oklahoma	84	58	69	11.1	9.0	11.0	901	522	759	.97	1.02	506	774
Oreg.	22	17	15	18.0	26.0	24.0	394	442	360	1.16	1.15	513	414
Pa.	19	18	17	24.2	24.0	26.0	471	432	442	1.10	1.14	475	604
S.C.	16	16	19	15.6	15.0	18.5	259	240	352	1.86	2.05	446	722
S. Dak.	188	261	157	19.4	19.0	15.5	3,802	4,059	2,434	.90	.99	4,463	2,410
Tenn.	11	9	9	14.2	16.0	16.5	100	144	148	1.41	1.43	203	212
Texas	22	23	27	14.0	11.0	12.5	314	253	338	.96	.99	243	335
Va.	18	19	21	18.7	18.5	18.0	345	352	378	1.53	1.60	539	605
Wash.	116	81	82	19.6	21.0	20.5	2,274	1,701	1,681	1.15	1.21	1,956	2,034
Wis.	26	23	30	15.3	20.0	22.0	387	460	660	1.02	1.07	469	706
Wyo.	7	7	7	15.2	21.0	15.0	102	147	105	.83	.84	122	88

¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 927. RICE, ROUGH EQUIVALENT—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1937 TO 1963

[In thousands of hundredweight. For years beginning August 1]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance ¹	Exports ^{1,2}	Imports ^{1,2}	Stocks, end of year
1937-1941	23,917	19,875	5,244	688	3,230
1942-1946	30,497	19,980	8,598	70	1,512
1947-1951	39,834	23,173	16,177	294	2,656
1955	55,902	27,080	18,668	194	34,618
1956	49,459	25,993	37,548	386	20,103
1957	42,935	25,658	18,315	297	18,169
1958	44,760	25,617	18,750	164	15,669
1959	53,647	27,750	28,233	700	12,144
1960	54,591	28,944	28,474	288	10,080
1961	54,198	28,539	28,155	389	5,334
1962 (prel.)	66,045	28,112	35,562	39	7,730
1963 estimate	70,083	28,600	41,000	100	8,300

¹ Includes Alaska, Hawaii, and Puerto Rico.

² Compiled from reports of the Dept. of Commerce.

Source: Dept. of Agriculture, Economic Research Service; annual report, *Rice Situation*.

Rice—Sorghums—Corn

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No. 928. RICE, ROUGH—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (pounds)			PRODUCTION (1,000 cwt.)			PRICE ¹ (dol. per cwt.)		FARM VALUE (\$1,000)	
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
Total	1,505	1,773	1,769	3,317	3,726	3,962	50,026	66,045	70,083	5.03	5.02	332,296	351,751
Arkansas	364	426	426	3,205	3,850	4,250	12,040	16,401	18,105	5.10	5.00	83,645	90,525
California	268	323	324	4,595	4,950	5,000	12,344	15,988	14,580	5.11	4.90	81,699	71,442
Louisiana	435	508	508	2,790	3,050	3,325	12,174	15,494	16,891	4.88	5.00	75,611	84,455
Mississippi	40	49	49	2,990	3,200	3,900	1,204	1,568	1,911	5.25	5.05	8,232	9,651
Missouri	4	5	5	3,300	4,200	4,200	128	193	202	4.87	4.70	940	949
Texas	394	462	457	3,085	3,550	4,025	12,135	16,401	18,394	5.01	5.15	82,169	94,729

¹ See footnote 1, table 926.

No. 929. SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels)			PRODUCTION (1,000 bushels)			PRICE ¹ (dol. per bu.)		FARM VALUE (\$1,000)	
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
Total	15,631	11,536	13,488	36.7	44.2	43.3	560,669	509,685	583,466	1.02	0.99	515,920	568,923
Arizona	109	98	103	57.1	62.0	67.0	6,222	6,076	6,901	1.16	1.24	7,048	8,557
Arkansas	63	12	6	27.2	28.0	25.0	1,751	336	150	1.07	1.11	360	166
California	236	206	225	63.3	67.0	70.0	14,896	18,302	15,750	1.19	1.23	16,424	19,872
Colorado	475	278	303	24.5	34.0	30.5	11,053	9,452	9,242	.97	.99	9,168	9,150
Indiana	21	11	10	55.6	60.0	68.0	1,135	600	680	.84	.91	554	619
Iowa	136	12	9	53.4	65.0	60.0	6,862	780	540	.95	.95	741	513
Kansas	4,214	2,960	3,700	33.6	43.5	39.0	135,151	128,760	144,300	.96	.91	123,610	131,313
Kentucky	28	10	8	44.8	48.0	52.0	1,223	480	416	1.01	1.06	485	441
Missouri	465	177	209	44.2	45.0	50.0	20,335	7,965	10,450	1.01	.97	8,045	10,136
Nebraska	1,601	1,540	1,879	46.1	66.0	54.5	73,178	101,640	102,406	1.00	.89	101,640	91,141
New Mexico	234	188	235	35.3	54.0	58.0	8,034	10,152	13,630	1.03	1.06	10,457	14,448
North Carolina	78	48	47	33.5	43.0	39.0	2,583	2,064	1,833	1.12	1.13	2,312	2,071
Oklahoma	770	658	740	25.5	30.0	29.5	19,005	19,740	21,880	1.00	1.00	19,740	21,880
South Dakota	193	115	171	30.1	40.0	44.0	5,796	4,600	7,524	.87	.83	4,002	6,245
Tennessee	45	20	17	33.2	35.0	40.0	1,427	700	680	1.07	1.07	749	728
Texas	6,840	5,154	5,772	36.9	39.0	42.5	248,304	201,006	245,310	1.04	1.02	209,046	230,216
Other ²	124	49	54	30.0	30.0	33.8	3,716	1,472	1,824	n.a.	n.a.	1,539	1,877

n.a. Not available.

¹ See footnote 1, table 926.² Excludes Alaska and Hawaii.Source of tables 928 and 929: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 930. CORN FOR GRAIN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1963

[In thousands of bushels. For years beginning October 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance ¹	Exports ²	Imports ²	Stocks, end of year
1931-1935	2,012,283	2,015,314	7,321	11,897	247,074
1936-1940	2,091,335	1,964,642	54,607	21,662	468,627
1941-1945	2,652,763	2,729,676	22,312	2,264	318,575
1946-1950	2,808,345	2,595,734	99,763	690	560,737
1951-1955	2,814,481	2,619,896	110,582	1,039	875,098
1956-1960	3,441,913	3,047,270	227,177	1,260	1,641,540
1960	3,908,070	3,395,812	202,088	1,221	2,008,357
1961	3,625,530	3,560,303	434,395	1,357	1,639,546
1962	3,636,673	3,545,448	416,153	975	1,315,593
1963 (prel.)	4,081,791	n.a.	n.a.	n.a.	n.a.

n.a. Not available.

¹ Total disappearance, minus exports of corn and grain equivalent of corn products.² Compiled from reports of the Dept. of Commerce. Includes grain equivalent of corn products.Source: Dept. of Agriculture, Economic Research Service; *Grain and Feed Statistics*, Statistical Bulletin No. 159 and supplements.

Agriculture—Production, Marketing, and Trade

No. 931. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES:
1957 TO 1963

[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
Total	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000 4,005,616	\$1,000 4,463,649
N.E.:													
Vt.	1	1	1	61.2	65.0	63.0	61	65	63	1.55	1.60	101	101
Mass.	3	2	2	62.0	68.0	66.0	161	136	132	1.55	1.60	211	211
Conn.	3	2	2	64.6	70.0	73.0	181	140	146	1.55	1.60	217	234
M.A.:													
N.Y.	214	181	206	57.1	60.0	58.0	12,183	10,860	11,948	1.29	1.36	14,009	16,249
N.J.	94	78	73	63.8	73.0	60.0	6,151	5,694	4,380	1.33	1.49	7,573	6,526
Pa.	906	788	812	60.3	56.0	53.0	54,921	44,128	43,036	1.33	1.42	58,690	61,111
E.N.C.:													
Ohio	3,089	2,663	2,903	68.7	76.0	78.0	196,009	202,383	226,434	1.05	1.05	212,507	237,756
Ind.	4,578	4,298	4,642	66.3	82.0	87.0	298,851	352,436	403,854	1.05	1.04	370,058	420,008
Ill.	8,820	8,270	8,849	69.0	83.0	85.0	607,874	686,410	752,165	1.10	1.09	755,051	819,860
Mich.	1,562	1,408	1,549	57.0	65.0	65.0	88,985	91,520	100,685	1.05	1.08	96,096	108,740
Wis.	1,691	1,533	1,502	65.4	70.0	70.0	111,079	107,310	105,140	1.11	1.16	119,114	121,962
W.N.C.:													
Minn.	5,345	4,575	5,124	56.6	59.5	60.0	300,893	272,212	353,556	1.04	1.03	283,100	364,163
Iowa	10,755	9,776	10,754	66.4	77.0	80.0	714,329	752,752	860,320	1.03	1.04	812,972	894,739
Mo.	3,466	2,982	3,340	53.0	58.0	61.0	183,062	172,956	203,740	1.13	1.15	195,440	234,301
N. Dak.	333	169	287	28.1	31.0	41.0	9,270	5,239	11,767	1.02	.98	5,344	11,532
S. Dak.	3,093	2,659	3,164	31.8	42.5	48.0	99,161	113,008	151,872	1.01	.99	114,138	150,353
Nebr.	5,705	5,031	5,132	49.8	60.5	55.0	284,489	304,376	287,392	1.10	1.09	334,814	313,257
Kans.	1,491	1,298	1,350	41.5	51.0	48.0	62,422	66,198	62,100	1.10	1.12	72,818	69,552
S.A.:													
Del.	136	119	146	53.2	63.0	53.0	7,226	7,407	7,738	1.32	1.35	9,896	10,446
Md.	383	354	400	54.3	60.0	52.0	21,062	21,240	20,800	1.30	1.33	27,612	27,664
Va.	617	534	454	45.5	60.0	39.0	27,978	32,040	17,706	1.28	1.38	41,011	24,434
W. Va.	100	71	64	50.0	53.0	48.0	4,981	3,763	3,072	1.36	1.42	5,118	4,362
N.C.	1,676	1,250	1,372	42.7	56.0	54.0	71,223	70,504	74,088	1.24	1.28	87,425	94,833
S.C.	728	487	526	29.9	38.0	43.0	21,517	18,506	22,618	1.32	1.30	24,428	29,403
Ga.	2,069	1,692	1,737	29.5	30.0	48.0	60,697	50,760	74,691	1.29	1.27	65,480	94,858
Fla.	312	315	353	27.2	35.0	38.0	8,442	11,025	13,414	1.19	1.22	13,120	16,365
E.S.C.:													
Ky.	1,443	1,116	1,127	47.2	58.0	66.0	67,477	64,728	74,382	1.15	1.16	74,437	86,283
Tenn.	1,294	961	980	38.0	41.0	51.0	48,031	39,401	49,980	1.18	1.21	46,493	60,476
Ala.	1,719	1,229	1,254	28.6	28.5	39.0	48,587	35,026	48,906	1.28	1.24	43,082	60,643
Miss.	1,150	764	749	30.2	27.0	37.0	34,123	20,628	27,713	1.24	1.27	26,579	35,196
W.S.C.:													
Ark.	364	207	176	31.5	32.5	34.0	11,272	6,728	5,084	1.19	1.26	8,006	7,540
La.	383	222	238	28.8	28.0	31.0	10,724	6,216	7,378	1.20	1.25	7,459	9,222
Oklahoma	194	123	129	30.6	32.5	28.0	5,065	3,908	3,444	1.18	1.28	4,718	4,339
Tex.	1,405	1,052	863	25.7	31.0	28.0	35,820	32,612	24,164	1.17	1.30	38,156	31,413
Mt.:													
Mont.	5	4	8	43.8	50.0	55.0	192	200	440	1.22	1.23	244	541
Idaho	22	23	20	75.2	78.0	81.0	1,671	1,794	1,620	1.35	1.37	2,422	2,219
Wyo.	20	8	19	53.9	40.0	70.0	1,058	320	1,330	1.14	1.14	365	1,516
Colo.	287	198	199	52.2	54.0	61.0	14,796	10,692	11,500	1.20	1.20	12,820	13,908
N. Mex.	21	12	12	32.0	43.0	41.0	661	516	492	1.43	1.39	738	684
Ariz.	23	15	15	21.3	24.0	28.0	504	360	420	1.49	1.63	536	665
Utah	4	3	2	57.9	59.0	64.0	218	177	128	1.59	1.63	281	209
Pac.:													
Wash.	42	30	30	81.2	87.5	90.0	3,437	2,625	2,700	1.34	1.38	3,518	3,726
Oreg.	26	20	19	69.8	78.0	77.0	1,817	1,560	1,483	1.39	1.44	2,168	2,107
Calif.	159	77	85	71.8	77.0	80.0	11,459	5,929	6,800	1.39	1.46	8,241	9,928

¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

No. 932. OATS AND BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

(Pounds per bushel of oats, 32; barley, 48)

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
OATS	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct. per bu.	Ct. per bu.	\$1,000	\$1,000
Total	28,749	22,675	21,757	41.2	45.0	45.1	1,182,012	1,020,371	980,910	62	63	641,455	621,971
Idaho	168	141	135	46.7	54.0	57.5	7,850	7,614	7,762	69	65	5,254	5,045
Ill.	2,138	1,603	1,413	48.4	53.0	57.0	102,079	79,659	80,541	63	63	50,185	50,741
Ind.	851	605	484	45.3	55.0	62.0	38,188	33,275	30,008	63	62	20,903	18,605
Iowa	4,332	2,947	2,800	43.3	43.5	44.5	187,603	128,194	124,600	65	66	83,326	82,236
Kans.	658	351	344	29.1	22.5	30.0	19,068	7,898	10,320	71	73	5,608	7,534
Mich.	904	754	724	46.0	49.0	49.0	41,353	36,946	35,476	63	62	23,276	21,995
Minn.	3,771	3,026	3,320	47.2	45.5	51.0	177,999	137,683	139,779	59	59	81,233	100,170
Mo.	643	316	348	32.1	29.0	42.0	20,446	9,164	14,616	70	72	6,415	10,524
Mont.	236	263	242	33.5	41.0	40.5	7,909	10,783	9,801	57	51	6,146	4,999
Nebr.	1,287	971	942	32.2	33.0	28.5	41,536	32,043	26,847	64	65	20,508	17,461
N.Y.	637	569	569	52.0	51.0	53.0	33,133	29,019	30,157	76	73	22,054	22,015
N.C.	327	217	160	34.4	37.5	31.0	11,084	8,138	5,239	74	78	6,022	4,086
N. Dak.	1,736	1,050	1,852	30.8	61.0	37.5	54,677	99,450	69,450	51	49	50,720	34,030
Ohio	1,006	833	775	49.6	58.0	65.0	49,635	48,314	50,375	65	63	31,404	31,736
Oreg.	234	169	161	37.7	51.0	45.0	8,750	8,619	7,245	69	69	5,947	4,999
Pa.	673	601	589	43.4	42.5	55.0	29,116	25,542	32,395	77	75	19,667	24,296
S.C.	333	199	175	31.5	38.0	32.0	10,351	6,567	5,600	77	80	5,057	4,480
S. Dak.	2,714	2,590	2,590	33.8	41.0	35.0	94,034	106,190	90,650	55	56	58,404	50,764
Tex.	1,180	741	667	25.4	21.5	20.5	30,406	15,932	13,674	76	82	12,108	11,213
Wis.	2,438	2,229	2,162	54.0	57.0	55.5	132,114	127,053	119,991	64	66	81,314	75,194
Other ²	2,471	1,700	1,287	34.2	30.6	36.0	84,594	62,288	46,384	n.a.	n.a.	46,844	35,858
BARLEY	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dol. per bu.	Dol. per bu.	\$1,000	\$1,000
Total	14,293	12,430	11,538	30.4	35.1	34.7	433,893	436,448	399,921	0.92	0.90	394,519	355,540
Ariz.	148	120	144	64.6	65.0	67.0	9,605	7,800	9,648	1.22	1.25	9,516	12,060
Calif.	1,675	1,461	1,417	43.8	61.0	47.0	73,136	74,511	66,599	1.09	1.13	81,217	75,257
Colo.	524	431	328	31.3	31.5	29.5	16,396	13,576	9,676	.93	.96	12,626	9,289
Idaho	585	648	622	33.8	41.0	46.0	19,458	26,568	28,612	.96	.90	25,505	25,761
Kans.	764	689	276	26.5	19.0	18.0	20,366	13,001	4,968	.86	.88	11,258	4,372
Minn.	802	719	719	30.7	26.0	36.0	27,407	18,664	25,884	.85	.82	15,890	21,225
Mont.	1,665	1,802	1,514	25.9	30.5	29.5	43,354	54,061	44,663	.74	.71	40,671	31,711
N. Dak.	3,420	2,887	3,233	22.6	36.0	31.0	78,309	103,832	100,223	.80	.75	83,146	75,167
Oklahoma	606	547	383	23.6	16.5	18.5	14,513	9,026	7,086	.92	.92	8,304	6,519
Oreg.	536	407	427	35.3	43.5	39.0	18,909	17,704	16,653	1.01	.96	17,881	15,987
Pa.	190	184	177	38.6	38.0	37.5	7,412	6,092	6,638	.95	1.01	6,642	6,704
S. Dak.	405	409	356	24.2	27.0	25.0	12,108	11,043	8,900	.77	.71	8,503	6,319
Utah	159	155	149	44.2	52.0	54.0	7,044	8,060	8,046	1.03	1.00	8,302	8,046
Wash.	712	621	664	38.3	46.0	40.0	27,377	28,566	26,560	.93	.89	26,566	23,638
Other ²	1,916	1,350	1,129	30.5	31.1	31.7	58,374	41,924	35,765	n.a.	n.a.	38,492	33,495

¹ n.a. Not available.¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.² Excludes Alaska and Hawaii.Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 933. HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
	1,000 acres 68,628	1,000 acres 67,646	1,000 acres 66,728	Short tons 1.71	Short tons 1.80	Short tons 1.75	1,000 short tons 117,235	1,000 short tons 121,566	1,000 short tons 116,525	Dol. per ton 21.60	Dol. per ton 24.50	\$1,000 2,545,725	\$1,000 2,660,080
U.S. ^a													
N.E.:													
Maine	492	454	450	1.23	1.18	1.20	605	537	530	29.50	29.00	15,842	15,631
N.H.	203	176	171	1.35	1.42	1.29	281	250	220	33.20	34.00	8,300	7,480
Vt.	744	705	696	1.55	1.55	1.57	1,175	1,086	1,094	31.50	30.00	34,524	32,820
Mass.	226	209	202	1.72	1.64	1.72	388	342	347	38.80	39.00	13,270	13,533
R.I.	21	21	20	1.83	1.86	1.75	38	39	35	38.90	41.50	1,517	1,452
Conn.	184	170	165	1.82	1.66	1.87	334	283	308	40.20	39.00	11,377	12,012
M.A.:													
N.Y.	3,008	2,900	2,952	1.89	1.59	1.90	5,688	4,620	5,602	31.20	27.00	144,144	151,254
N.J.	203	193	194	2.06	1.82	1.80	418	352	350	42.30	42.00	14,890	14,700
Pa.	2,126	2,059	2,113	1.78	1.22	1.52	3,782	2,618	3,217	36.20	36.50	91,152	117,420
E.N.C.:													
Ohio	2,036	1,897	1,907	1.78	1.66	1.75	3,616	3,142	3,341	26.20	27.00	82,320	90,207
Ind.	1,436	1,322	1,320	1.80	1.89	1.88	2,582	2,496	2,485	22.10	22.50	55,162	55,912
Ill.	2,251	2,041	2,047	2.08	2.14	2.06	4,671	4,368	4,209	21.70	23.00	94,786	96,807
Mich.	1,870	1,748	1,750	1.74	1.83	1.83	3,254	3,202	3,202	21.60	23.00	69,163	73,646
Wis.	3,859	3,939	4,009	2.32	2.74	2.34	8,948	10,781	9,368	16.80	20.50	181,121	192,044
W.N.C.:													
Minn.	3,638	3,660	3,531	1.98	2.31	2.27	7,206	8,461	8,001	17.30	17.00	146,375	136,017
Iowa	3,583	3,558	3,327	2.25	2.36	2.31	8,058	8,399	7,695	16.50	18.00	138,584	138,510
Mo.	2,075	2,941	2,925	1.59	1.46	1.51	4,742	4,285	4,406	22.00	22.00	94,270	96,932
N. Dak.	3,945	3,793	3,471	0.97	1.42	1.18	3,820	3,932	4,088	12.90	14.00	69,557	57,232
S. Dak.	4,949	4,767	4,358	0.97	1.36	1.19	4,876	6,493	5,169	13.50	14.00	88,305	72,366
Nebr.	5,049	5,171	4,925	1.34	1.42	1.28	6,786	7,353	6,307	15.50	18.00	113,972	113,526
Kans.	2,123	2,294	2,259	1.96	2.04	1.65	4,166	4,671	3,734	18.20	22.00	88,012	82,148
S.A.:													
Del.	46	41	43	1.67	1.49	1.49	77	61	58	38.40	41.50	2,342	2,407
Md.	409	379	378	1.83	1.49	1.46	768	563	552	40.10	43.50	22,576	24,012
Va.	1,228	1,243	1,060	1.48	1.59	0.91	1,826	1,976	966	32.80	42.50	64,813	41,055
W. Va.	662	641	651	1.40	1.28	1.25	926	819	815	30.60	34.50	25,061	28,118
N.C.	843	693	693	1.20	1.17	1.09	1,010	809	750	30.70	34.50	24,836	26,944
S.C.	378	299	332	1.12	1.19	1.16	419	365	386	31.50	31.50	11,182	12,159
Ga.	490	438	523	1.22	1.34	1.58	596	589	824	27.70	26.50	16,315	21,836
Fla.	103	95	105	1.53	1.61	1.61	158	153	169	31.00	32.00	4,743	5,408
E.S.C.:													
Ky.	1,659	1,619	1,632	1.50	1.48	1.61	2,484	2,393	2,633	24.50	25.00	58,628	65,825
Tenn.	1,381	1,258	1,384	1.32	1.26	1.40	1,815	1,579	1,932	27.90	26.50	44,054	51,198
Ala.	546	466	533	1.13	1.08	1.26	617	501	674	25.00	26.50	14,028	17,861
Miss.	650	576	672	1.36	1.25	1.46	887	720	983	23.20	23.50	17,208	23,100
W.S.C.:													
Ark.	754	706	666	1.31	1.22	1.09	984	858	727	22.40	24.50	19,219	17,812
La.	386	362	391	1.47	1.39	1.54	566	504	602	23.30	23.00	11,743	13,846
Oklahoma	1,334	1,448	1,485	1.49	1.58	1.37	1,988	2,282	2,028	20.60	24.00	47,009	48,672
Tex.	1,728	1,840	1,980	1.26	1.24	1.11	2,177	2,275	2,198	22.90	26.00	52,098	57,148
Mt.:													
Mont.	2,195	2,386	2,361	1.32	1.46	1.51	2,901	3,488	3,561	19.20	18.00	66,970	64,098
Idaho	1,216	1,230	1,235	2.52	2.50	2.61	3,062	3,071	3,229	17.90	19.00	54,971	61,351
Wyo.	1,116	1,185	1,157	1.28	1.32	1.35	1,436	1,563	1,567	17.80	18.00	27,821	28,206
Colo.	1,497	1,685	1,470	1.84	1.34	1.75	2,749	3,014	2,502	21.60	27.50	65,102	71,280
N. Mex.	219	227	233	2.58	3.51	3.41	633	796	795	25.30	30.00	20,139	23,850
Ariz.	264	257	232	4.06	4.31	4.61	1,076	1,108	1,070	26.10	30.50	28,919	32,635
Utah	569	569	570	2.37	2.41	2.42	1,350	1,371	1,380	20.10	20.00	27,557	27,600
Nev.	331	347	332	1.76	1.89	1.99	581	657	661	21.30	24.50	13,994	16,194
Pac.:													
Wash.	810	825	854	2.15	2.18	2.31	1,745	1,800	1,976	23.50	23.00	42,300	45,448
Oreg.	975	982	1,011	1.93	1.96	2.11	1,882	1,927	2,137	33.10	33.50	44,514	50,220
Calif.	1,917	1,881	1,944	3.70	3.86	3.88	7,089	7,254	7,541	22.60	28.00	163,940	211,148

¹ Season average price received by farmers for hay sold baled. State prices weighted by sales to obtain U.S. prices.

² Excludes Alaska and Hawaii.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 934. TOBACCO—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1963

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR ¹	Production	Domestic disappearance ²	Exports	Imports ³	Stocks, end of year
1931-1935	1,268	759	456	61	2,227
1936-1940	1,492	927	402	74	2,415
1941-1945	1,604	1,283	432	75	2,543
1946-1950	2,080	1,411	531	87	3,014
1951-1955	2,217	1,471	552	108	3,768
1956-1960	1,864	1,408	538	144	3,975
1945	1,991	1,334	504	76	2,453
1950	2,030	1,452	523	94	3,144
1955	2,193	1,410	648	115	4,112
1956	2,176	1,372	556	122	4,359
1957	1,668	1,393	528	126	4,106
1958	1,736	1,388	535	152	3,920
1959	1,796	1,425	503	157	3,788
1960	1,944	1,463	567	159	3,703
1961	2,061	1,461	590	166	3,713
1962	2,315	1,474	531	163	4,022
1963 (prel.)	2,337	n.a.	n.a.	n.a.	n.a.

n.a. Not available.

¹ Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September.

² U.S. tobacco only.

³ Compiled from reports of the Dept. of Commerce. Declared weight; includes stems, trimmings, and scraps.

Source: Dept. of Agriculture, Economic Research Service; *The Tobacco Situation*.

No. 935. TOBACCO—ACREAGE, PRODUCTION, AND PRICE, BY STATES: 1957 TO 1963

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹	
	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1957-1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)
Total...	Acres 1,183,680	Acres 1,224,600	Acres 1,175,300	Lb. 1,623	Lb. 1,890	Lb. 1,933	1,000 pounds 1,841,189	1,000 pounds 2,314,364	1,000 pounds 2,271,942	Ct. per lb. 58.9	Ct. per lb. 57.8
Mass.	3,060	3,080	2,800	1,616	1,768	1,687	4,960	5,304	4,724	176.0	n.a.
Conn.	8,620	7,500	7,800	1,483	1,574	1,588	12,794	11,854	12,388	193.0	n.a.
Pa.	30,400	30,000	27,000	1,654	2,000	1,850	50,366	60,000	49,950	23.5	n.a.
Ohio	13,160	14,800	14,400	1,510	1,928	1,917	19,956	28,539	27,600	50.1	2 49.6
Ind.	7,100	7,900	8,100	1,661	2,120	2,100	11,820	16,748	17,010	54.5	54.5
Wis.	13,460	12,100	10,700	1,582	1,621	1,579	21,181	19,617	16,895	29.2	n.a.
Mo.	2,900	3,200	3,300	1,602	1,955	2,000	4,375	6,256	6,600	59.2	60.0
Md.	37,700	41,500	34,500	926	975	800	34,856	40,462	27,600	55.4	n.a.
Va.	88,400	95,400	89,600	1,590	1,760	1,731	140,543	167,927	155,110	60.1	2 54.2
W. Va.	2,420	2,800	2,800	1,431	1,695	1,650	3,462	4,746	4,620	59.0	56.0
N. C.	459,920	494,000	471,500	1,678	1,896	1,961	772,115	936,845	924,763	60.2	58.2
S.C.	79,000	84,000	80,000	1,776	2,265	2,100	140,393	190,260	168,000	61.1	60.0
Ga.	67,300	75,300	71,700	1,622	1,965	2,003	109,881	147,944	143,612	58.7	59.4
Fla.	17,240	18,800	17,900	1,502	1,843	1,731	26,038	34,648	30,978	79.7	70.1
Ky.	225,420	248,900	248,400	1,597	1,983	2,098	360,324	493,515	521,239	56.4	2 57.3
Tenn.	76,940	84,500	84,100	1,654	1,758	1,901	127,374	148,587	159,870	66.6	2 55.5
Ala.	394	500	3470	1,385	1,720	1,665	549	860	783	61.0	52.1
La.	258	350	3250	748	720	800	204	252	200	69.0	68.0

n.a. Not available.

¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.

² Sufficient sales data were available to estimate a season average price for a large share of the State's 1963 production, but 1962 season average prices were used for some types of tobacco in evaluating production and calculating an average price for all tobacco.

³ Rounded to hundreds for inclusion in United States totals.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 936. COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1931 TO 1963

[In thousands of bales, except average price. For years ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginners. Price per pound is average price received by growers. For stocks, see *Historical Statistics, Colonial Times to 1957*, series K 304.]

YEARLY AVERAGE OR YEAR	PRODUCTION		Average price per pound of upland cotton (cents) ¹	Consumption ² (running bales)	Net exports of domestic cotton (running bales)	Net imports (equivalent 500-pound bales)	Carry-over (running bales)
	Running bales (counting round as half bales)	Equivalent 500-pound bales, gross weight					
1931-1935.....	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-1940.....	12,783	13,148	9.9	6,938	5,306	171	9,008
1941-1945.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-1950.....	11,875	12,102	29.4	9,038	3,020	252	5,014
1951-1955.....	13,997	14,093	35.2	9,339	3,977	152	6,321
1956-1960.....	12,905	13,013	31.8	8,708	5,100	137	10,207
1953.....	14,955	15,139	34.2	9,424	3,048	195	5,605
1954.....	16,317	16,465	32.3	8,576	3,761	145	9,728
1955.....	13,619	13,697	33.6	8,841	3,447	150	11,205
1956.....	14,542	14,721	32.3	9,141	2,214	187	14,529
1957.....	13,151	13,310	31.8	8,728	7,598	187	11,323
1958.....	10,880	10,964	29.6	7,973	5,717	141	8,737
1959.....	11,436	11,512	33.2	8,671	2,789	187	8,885
1960.....	14,515	14,558	31.7	9,017	7,182	186	7,559
1961.....	14,265	14,272	30.2	8,252	6,632	159	7,228
1962.....	14,325	14,318	32.9	9,071	4,915	159	7,831
1963.....	14,864	14,867	31.9	8,391	3,351	187	11,216

¹ Data from Dept. of Agriculture, Statistical Reporting Service.

² Beginning 1951, adjusted to cotton season.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

No. 937. COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1931 TO 1963

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

YEARLY AVERAGE OR YEAR	COTTONSEED		COTTONSEED PRODUCTS					
	Production	Used in mills	Production				Exports	
			Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
1931-1935.....	1,000 short tons	1,000 short tons	1,000 pounds	1,000 short tons	1,000 short tons	Bales ¹	1,000 pounds	1,000 short tons
1936-1940.....	5,932	4,474	1,308,611	2,032	1,229	954,186	28,100	97
1941-1945.....	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681	26
1946-1950.....	5,136	4,223	1,327,149	1,898	1,019	1,480,521	19,650	1
1951-1955.....	4,883	4,206	1,363,440	1,928	1,001	1,576,300	54,855	50
1956-1960.....	5,811	5,253	1,716,540	2,482	1,163	1,965,698	226,385	66
1953.....	5,370	4,945	1,739,255	2,317	1,119	1,661,080	386,591	87
1954.....	6,191	5,563	1,825,411	2,672	1,199	2,060,013	45,876	30
1955.....	6,749	6,266	2,073,981	2,961	1,388	2,326,407	342,675	67
1956.....	5,709	5,249	1,735,273	2,561	1,130	1,984,195	683,175	177
1957.....	6,043	5,588	1,894,418	2,631	1,249	2,025,442	488,419	215
1958.....	5,407	4,959	1,655,262	2,390	1,073	1,795,766	405,192	36
1959.....	4,609	4,247	1,437,631	1,958	966	1,496,132	251,059	11
1960.....	4,798	4,439	1,517,765	2,061	1,029	1,325,160	309,868	6
1961.....	5,991	5,491	1,861,473	2,547	1,257	1,652,310	477,518	165
1962.....	5,886	5,352	1,807,813	2,505	1,217	1,582,149	325,975	64
1963.....	5,978	5,539	1,865,644	2,506	1,325	1,627,147	332,561	8
	6,096	5,833	1,941,866	2,734	1,352	1,660,531	277,392	115

¹ Prior to 1959, 500-pound bales; beginning 1959, 600-pound bales.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

Cotton and Cottonseed

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No. 988. COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for 1957-61 are simple averages of figures for individual years.]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound ¹	Quantity ²	Farm value	Farm price per ton	
Total:	1,000	1,000	\$1,000	Pounds	Cents	1,000	\$1,000	Dollars	\$1,000
1957-61.....	14,293	13,125	2,070,434	440	31.5	5,452	246,609	45.50	2,317,043
1962.....	15,569	14,867	2,370,480	457	31.9	6,096	291,734	47.90	2,662,274
1963 (prel.).....	14,230	15,548	2,541,142	524	32.7	6,451	330,619	51.30	2,871,761
Alabama:									
1957-61.....	773	612	100,356	381	32.9	249	10,130	41.50	110,486
1962.....	900	696	114,509	371	32.9	278	12,427	44.70	126,636
1963 (prel.).....	832	880	144,320	508	32.8	357	16,743	46.90	161,063
Arizona:									
1957-61.....	386	778	120,312	965	33.4	325	15,890	48.70	145,202
1962.....	406	942	153,212	1,112	32.6	391	19,081	48.80	172,293
1963 (prel.).....	387	845	143,157	1,048	34.0	355	17,004	47.90	160,161
Arkansas:									
1957-61.....	1,226	1,249	204,236	483	32.7	522	23,397	45.20	227,633
1962.....	1,355	1,450	230,570	512	31.8	596	28,012	47.00	258,582
1963 (prel.).....	1,230	1,500	248,250	585	33.1	626	31,458	50.30	279,738
California:									
1957-61.....	816	1,740	285,148	1,022	32.9	693	34,286	49.50	319,434
1962.....	809	1,912	314,898	1,132	32.9	753	38,102	50.60	352,995
1963 (prel.).....	732	1,715	301,054	1,125	35.1	683	32,784	48.00	333,838
Georgia:									
1957-61.....	500	457	75,087	376	32.9	190	8,130	43.60	83,217
1962.....	692	534	87,479	369	32.8	220	9,966	45.30	97,445
1963 (prel.).....	639	605	99,522	454	32.9	250	11,700	46.80	111,222
Louisiana:									
1957-61.....	469	423	67,999	420	32.0	178	7,672	43.20	75,671
1962.....	565	547	89,417	464	32.7	228	10,488	46.00	99,905
1963 (prel.).....	521	685	110,628	631	32.3	287	14,494	50.50	125,122
Mississippi:									
1957-61.....	1,407	1,355	218,521	457	32.1	560	25,487	45.90	244,008
1962.....	1,585	1,696	281,393	512	33.2	691	34,481	49.90	315,874
1963 (prel.).....	1,438	2,125	354,875	709	33.4	876	47,742	54.50	402,617
Missouri:									
1957-61.....	359	362	58,407	470	32.3	154	6,305	42.10	64,712
1962.....	383	466	75,087	582	32.2	191	8,576	44.90	83,663
1963 (prel.).....	343	450	74,250	680	33.0	190	9,329	49.10	83,579
New Mexico:									
1957-61.....	191	290	49,248	728	33.9	120	5,796	48.70	55,044
1962.....	201	268	43,838	638	32.8	111	5,583	50.30	49,421
1963 (prel.).....	190	275	48,260	695	35.2	114	6,452	56.60	54,712
North Carolina:									
1957-61.....	357	264	42,549	361	32.3	110	4,624	42.60	47,173
1962.....	402	275	45,777	327	33.3	113	5,277	46.70	51,054
1963 (prel.).....	377	355	58,930	452	33.2	148	7,134	48.20	60,064
Oklahoma:									
1957-61.....	570	357	50,393	303	28.1	147	6,408	44.10	56,801
1962.....	612	311	45,200	243	29.1	127	5,956	46.90	51,156
1963 (prel.).....	575	320	47,840	267	29.9	131	7,008	53.50	54,848
South Carolina:									
1957-61.....	510	377	62,036	357	33.0	156	6,622	43.00	68,658
1962.....	575	449	74,917	373	33.4	183	8,564	46.80	83,481
1963 (prel.).....	537	455	75,630	407	33.2	189	9,091	48.10	84,621
Tennessee:									
1957-61.....	485	526	87,580	517	33.3	218	9,609	44.50	97,139
1962.....	538	555	90,940	494	32.8	228	10,602	46.50	101,542
1963 (prel.).....	504	655	109,385	624	33.4	271	13,821	51.00	123,206
Texas:									
1957-61.....	6,107	4,298	633,805	338	29.4	1,817	81,622	45.00	715,427
1962.....	6,500	4,726	716,699	348	30.3	1,970	93,969	47.70	810,668
1963 (prel.).....	5,875	4,635	717,286	379	31.0	1,954	104,930	53.70	822,216
Other States:³									
1957-61.....	47	36	5,807	371	32.0	15	631	43.00	6,438
1962.....	47	40	6,649	401	33.0	16	710	43.70	7,259
1963 (prel.).....	50	48	7,855	462	33.0	20	899	45.60	8,754

¹ Includes an allowance for unredeemed loans. For 1963, average price to Dec. 1.² For 1963, based on 1958-62 average ratio of lint to cottonseed. ³ Excludes Alaska and Hawaii.

No. 939. SUGAR, BEET AND CANE—PRODUCTION IN THE UNITED STATES, PRINCIPAL AREAS SUPPLYING UNITED STATES, AND WORLD: 1930 TO 1963

[In thousands of short tons, raw value. Covers centrifugal only]

YEARLY AVERAGE OR CROP YEAR	U.S. and principal supplying areas ¹	UNITED STATES			PRINCIPAL SUPPLYING AREAS			World	PERCENT OF WORLD TOTAL IN—	
		Total	Beet	Cane		Puerto Rico ²	Republic of the Philippines ³	Cuba ⁴	U.S.	U.S. and principal supplying areas ¹
				La. and Fla.	Hawaii					
1930-1934	7,536	2,673	1,396	235	1,042	902	1,111	2,847	29,820	9.0
1935-1939	8,184	2,971	1,517	474	980	974	1,058	3,183	28,352	10.5
1940-1944	7,516	2,759	1,451	428	880	969	320	3,685	26,014	10.6
1945-1949	10,259	2,831	1,515	455	861	1,143	382	5,897	27,496	10.3
1950-1954	11,929	3,416	1,784	566	1,066	1,232	1,190	6,080	39,141	8.7
1955-1959	12,224	3,670	2,100	572	998	1,036	1,364	6,136	49,264	7.4
1950	12,098	3,569	2,009	564	996	1,238	935	6,348	35,989	9.9
1955	11,025	3,413	1,739	574	1,100	1,152	1,218	5,220	43,731	7.8
1957	12,256	3,491	2,194	532	765	934	1,378	6,447	49,073	7.1
1958	12,939	3,754	2,200	879	975	1,087	1,612	6,574	54,535	6.9
1959	12,909	3,892	2,340	616	936	1,019	1,629	6,462	54,019	7.2
1960	14,198	4,170	2,450	630	1,090	1,110	1,451	7,460	60,050	6.9
1961	7,026	4,382	2,404	858	1,120	1,009	1,618	-----	56,989	7.7
1962	7,424	4,553	2,588	852	1,120	989	1,856	-----	54,959	8.3
1963 (prel.)	8,469	5,375	3,100	1,175	1,100	1,050	2,028	-----	58,705	9.2
										14.4

¹ Includes Virgin Islands.

² Sugar 96% basis as computed by Puerto Rican mills.

³ Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

⁴ Beginning July 1960, Cuba no longer a supplier. Sugar formerly supplied by Cuba is now being provided mainly by Mexico, Peru, Philippines, Brazil, Federation of the West Indies and British Guiana, Dominican Republic, India, and China (Taiwan).

⁵ Includes green and liquid sugar.

Source: Dept. of Agriculture, Statistical Reporting Service (from official and unofficial sources), in annual report, *Agricultural Statistics*; and Agricultural Stabilization and Conservation Service, monthly report, *Sugar Reports*.

No. 940. SUGAR, BEET AND CANE—QUOTA CHARGES, PRODUCTION, STOCKS, AND CONSUMPTION: 1950 TO 1963

[In thousands of short tons, except per capita consumption in pounds. Unless otherwise specified, figures refer to conterminous U.S.]

ITEM	1950	1955	1960	1961	1962	1963
Quota charges ¹						
United States	8,274	8,402	9,526	29,732	29,797	210,513
Beet	2,267	2,297	2,784	3,391	3,202	4,031
Cane	1,749	1,797	2,165	2,607	2,415	2,966
Other areas	518	500	619	784	787	1,065
Hawaii	6,007	6,105	6,742	6,341	6,505	6,482
Puerto Rico	1,145	1,052	845	1,045	1,084	1,033
Virgin Islands	1,053	1,080	896	890	904	875
Cuba	11	10	7	16	11	15
Philippines	3,264	2,867	2,394	1,355	1,256	1,198
Other countries	473	977	1,155	-----	3,340	3,361
Production	61	119	1,445	2,945	3,340	3,361
Visible stocks, beginning of period ²	2,466	2,386	3,076	3,176	3,279	3,766
Receipts from foreign sources	1,759	1,930	2,005	2,327	2,195	2,261
Receipts from outlying areas ³	3,783	4,027	4,885	4,407	4,682	4,595
Domestic disappearance, total	2,173	2,155	1,748	2,042	1,999	1,774
Per capita consumption (refined) ⁴	8,282	8,443	9,331	9,698	9,849	10,026
	100.6	96.3	97.6	97.8	97.2	97.2

¹ Sugar quotas govern the supply of sugar from all sources, foreign and domestic, available to the United States (conterminous area). The formulas for allocating the quotas among the supplying areas are established by Congress; the size of the quotas is determined by the Secretary of Agriculture.

² Includes nonquota sugar purchase entries. 1963 data preliminary.

³ Includes raws for processing held by importers other than refiners. ⁴ Includes Hawaii.

⁵ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Data are for military and civilian food use.

Source: Dept. of Agriculture, Statistical Reporting Service, in annual report, *Agricultural Statistics*; and Agricultural Stabilization and Conservation Service, monthly report, *Sugar Reports*.

Sugar Beets and Sugarcane

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No. 941. SUGAR BEETS—ACREAGE, PRODUCTION, PRICES, AND VALUE, 1931 TO 1963, AND BY STATES, 1961 TO 1963

[Excludes Alaska and Hawaii. Totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Short tons per acre	Production (1,000 short tons)	Price per short ton (dollars) ¹	Farm value (\$1,000)	YEAR AND STATE	Acres harvested (1,000)	Short tons per acre	Production (1,000 short tons)	Price per short ton (dollars) ¹	Farm value (\$1,000)
Total:						Michigan:					
1931-1935	799	10.9	8,686	5.42	47,119	1961	72	16.3	1,178	9.70	11,427
1936-1940	857	12.2	10,452	5.13	53,569	1962	66	16.3	1,081	12.10	13,080
1941-1945	705	12.5	8,782	8.26	72,559	1963 (prel.)	77	15.2	1,170	n.a.	n.a.
1946-1950	797	14.1	11,244	11.16	125,395						
1951-1955	743	15.9	8,809	11.46	134,713	Michigan:					
1956-1960	883	17.5	15,417	11.52	177,635	1961	97	12.9	1,258	10.00	12,580
1956	785	16.6	12,993	11.90	105,087	1962	107	9.8	1,045	12.30	12,854
1957	878	17.7	15,505	11.20	173,936	1963 (prel.)	118	13.2	1,558	n.a.	n.a.
1958	891	17.0	15,150	11.70	177,807						
1959	905	18.8	17,015	11.20	191,186	Montana:					
1960	957	17.2	16,421	11.60	190,109	1961	61	14.7	893	11.50	10,270
1961	1,077	16.4	17,704	11.20	197,547	1962	63	13.2	888	13.50	11,313
1962	1,103	16.5	15,254	12.80	233,243	1963 (prel.)	66	17.8	1,169	n.a.	n.a.
1963 (prel.)	1,236	18.8	23,199	12.40	287,668						
California:						Nebraska:					
1961	236	18.6	4,388	11.00	48,268	1961	78	14.9	1,155	12.40	14,322
1962	239	20.2	4,829	12.80	59,397	1962	73	12.9	940	13.10	12,314
1963 (prel.)	293	21.2	6,200	n.a.	n.a.	1963 (prel.)	83	10.2	1,590	n.a.	n.a.
Colorado:											
1961	167	14.7	2,449	12.10	29,633	North Dakota:					
1962	171	16.0	2,724	13.70	37,319	1961	47	12.6	592	10.10	5,970
1963 (prel.)	171	18.2	3,112	n.a.	n.a.	1962	54	10.4	560	12.40	6,944
Idaho:						1963 (prel.)	51	13.8	697	n.a.	n.a.
1961	118	19.3	2,272	11.30	25,674						
1962	129	19.1	2,423	18.20	31,954	Washington:					
1963 (prel.)	146	21.6	3,158	n.a.	n.a.	1961	54	23.7	1,290	11.40	14,706
						1962	56	24.9	1,381	12.30	16,986
						1963 (prel.)	60	25.2	1,499	n.a.	n.a.
						Wyoming:					
						1961	52	13.7	706	11.70	8,260
						1962	49	12.6	612	13.60	8,323
						1963 (prel.)	58	17.4	1,002	n.a.	n.a.

n.a. Not available. ¹ Season average price received by farmers. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 942. SUGARCANE, CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1930 TO 1963

[Beginning 1960, includes Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 295-297]

YEAR	SUGARCANE FOR SUGAR AND SEED					SUGAR PRODUCED			MOLASSES MADE	
	Acreage harvested	Yield per acre ¹	Production	Price per ton ²	Farm value ³	Raw value ⁴	Equivalent refined ⁵	Sugar portion of same, raw value ⁴	Total ⁶	Black-strap ⁷
1,000 acres	Short tons	1,000 short tons	Dollars	\$1,000	1,000 short tons	1,000 short tons	Pounds	Mil. gallons	Mil. gallons	
1930	204	15.5	3,153	3.31	10,430	215	201	148	19	14
1935	275	18.4	5,064	3.15	15,940	382	367	164	31	25
1940	272	15.9	4,313	2.86	12,355	332	311	172	25	22
1945	285	23.5	6,707	5.67	38,016	475	443	152	50	35
1950	334	20.8	6,944	7.80	54,153	564	527	174	49	45
1955	284	25.5	7,248	6.50	47,108	574	530	168	53	49
1957	277	24.4	6,750	6.00	46,558	532	497	168	45	43
1958	275	24.3	6,681	7.47	49,910	579	541	187	43	40
1959	319	22.9	7,318	7.12	52,138	616	576	180	46	43
1960	437	37.7	16,468	7.41	57,192	1,566	1,464	199	101	98
1961	475	41.6	19,787	7.67	76,587	1,950	1,822	208	120	116
1962	513	39.1	20,037	8.36	84,019	1,972	1,843	206	125	123
1963 (prel.)	586	41.1	24,108	10.40	146,893	2,275	2,127	196	153	n.a.

n.a. Not available.

¹ Growth of 9 months in Louisiana and 12 months in Florida. In Louisiana, sugar season usually ends by December or early January; in Florida, by March following season of growth.

² Season average price received by farmers. Prices exclude Government payments under the Sugar Act. For 1945, price support payments included.

³ Excludes Hawaii. ⁴ Raw value equals 96° raw sugar as defined in Sugar Act of 1948.

⁵ Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

⁶ Syrup production excluded. See table 944.

⁷ Converted to 80° Brix beginning with 1935. Data for 1930 as reported.

Source: Dept. of Agriculture, Statistical Reporting Service, in annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Sugar Situation*.

No. 943. POTATOES AND SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1957 TO 1963

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE ¹		FARM VALUE	
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1962	1963 (prel.)	1962	1963 (prel.)
IRISH POTATOES													
Total	1,000 acres	1,000 acres	1,000 acres	Cwt.	Cwt.	Cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dol. per cwt.	Dol. per cwt.	\$1,000	\$1,000
Ala.	1,403	1,376	1,361	186	194	202	261,249	266,703	275,541	1.66	1.55	444,674	426,618
Ariz.	9	8	10	236	240	255	2,054	2,040	2,448	2.86	2.24	5,834	5,484
Calif.	110	98	98	276	287	304	30,377	28,202	29,898	2.03	1.85	57,223	55,451
Colo.	58	57	54	212	215	219	12,198	12,362	11,835	1.35	1.31	16,613	15,421
Conn.	7	6	6	227	230	225	1,494	1,495	1,462	2.11	2.35	3,154	3,436
Del.	10	10	10	210	200	200	2,046	1,900	1,900	1.66	1.84	3,154	3,496
Fla.	41	30	35	140	152	170	5,770	4,638	6,288	3.11	2.50	14,396	15,598
Idaho	224	280	244	204	178	227	45,561	46,319	55,450	1.48	1.23	68,552	68,068
Ind.	8	9	8	197	220	210	1,550	1,893	1,578	1.96	2.18	3,708	3,451
Ky.	11	10	9	69	67	61	786	657	549	2.36	2.92	1,551	1,603
Maine	144	147	142	249	265	265	35,868	38,955	37,630	1.23	1.10	47,915	41,393
Mass.	7	7	7	200	207	214	1,446	1,408	1,414	2.13	2.25	2,095	3,181
Mich.	48	47	46	159	184	171	7,667	8,585	7,893	1.89	1.95	16,226	15,366
Minn.	98	102	108	120	123	131	11,709	12,489	14,150	1.27	1.24	15,750	17,426
Mont.	8	8	8	155	160	175	1,285	1,248	1,382	2.35	2.15	2,933	2,971
Nebr.	15	13	13	164	171	192	2,465	2,166	2,437	1.40	1.42	3,042	3,485
N.J.	19	17	17	227	255	250	4,372	4,335	4,250	1.87	2.12	8,106	9,010
N. Mex.	3	3	2	171	165	185	476	544	444	2.55	2.23	1,387	990
N.Y.	89	83	81	225	250	246	19,903	20,913	19,953	1.70	1.82	35,726	36,237
N.C.	31	23	22	110	123	142	3,380	2,802	3,102	2.76	1.89	7,703	6,014
N. Dak.	106	112	114	123	130	117	13,021	14,560	13,338	.98	1.00	14,269	13,338
Ohio	17	14	14	173	182	174	2,856	2,626	2,504	2.08	2.14	5,465	5,390
Oreg.	38	37	36	243	244	265	9,128	9,045	9,673	1.49	1.46	13,433	14,162
Pa.	41	39	38	185	193	194	7,503	7,540	7,376	2.22	2.22	16,762	16,355
R.I.	6	6	5	215	246	247	1,202	1,352	1,262	1.97	2.20	2,664	2,779
Tenn.	10	7	8	76	70	84	751	490	630	3.29	2.92	1,612	1,840
Tex.	19	18	19	125	144	141	2,361	2,524	2,657	3.19	2.26	8,081	5,999
Utah	9	9	9	165	145	175	1,532	1,305	1,488	1.89	1.35	2,466	2,009
Va.	32	29	29	120	129	117	3,816	3,732	3,452	1.98	1.67	7,615	6,106
Wash.	38	39	38	280	301	308	10,701	11,737	11,687	1.17	1.19	13,691	13,734
W. Va.	10	8	8	69	65	65	676	520	520	2.95	3.00	1,534	1,560
Wis.	51	50	53	168	216	179	8,675	10,800	9,495	2.10	2.19	22,551	20,360
Other ²	64	51	49	93	99	100	6,053	5,044	4,911	n.a.	n.a.	11,264	10,129
SWEET-POTATOES													
Total	236	224	201	73	86	80	17,030	19,362	16,137	3.57	3.92	70,188	63,435
Ala.	13	10	9	54	55	58	682	522	499	4.63	4.50	2,417	2,246
Ark.	5	4	4	68	68	65	315	286	280	4.59	4.30	1,313	1,204
Calif.	11	10	10	81	90	90	892	891	873	7.74	6.90	6,896	6,024
Ga.	15	15	12	66	70	85	971	1,050	1,020	5.36	5.30	5,628	5,406
La.	62	62	58	62	64	65	3,873	3,968	3,770	2.09	2.80	8,293	10,556
Md.	4	4	4	134	145	135	572	580	540	2.70	2.90	1,566	1,566
Miss.	18	15	14	58	55	60	1,025	825	840	4.97	4.60	4,100	3,864
N.J.	15	14	13	92	125	100	1,352	1,750	1,300	3.04	3.60	5,320	4,680
N.C.	29	27	21	87	130	125	2,471	3,510	2,625	3.89	4.15	13,654	10,894
S.C.	12	9	8	56	63	65	657	567	552	4.34	4.20	2,461	2,318
Tenn.	7	6	5	76	85	85	536	510	425	4.33	3.90	2,208	1,658
Tex.	18	18	14	67	85	70	1,173	1,530	980	4.34	4.55	6,640	4,459
Va.	18	21	20	101	127	90	1,636	2,667	1,800	2.51	3.20	6,694	5,760
Other ²	311	9	9	867	78	70	8,732	706	633	n.a.	n.a.	2,998	2,800

n.a. Not available.

¹ Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.² Excludes Alaska and Hawaii.³ Includes short-time averages for New Mexico.Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

Syrup—Vegetables

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No. 944. SUGARCANE SYRUP AND MAPLE SYRUP—PRODUCTION: 1945 TO 1963

[Excludes Alaska and Hawaii]

YEAR	SUGARCANE SYRUP ¹		Maple syrup ² production	YEAR	SUGARCANE SYRUP ¹		Maple syrup ² production
	Cane harvested for syrup	Production			Cane harvested for syrup	Production	
1945-----	1,000 acres	1,000 gallons	1,000 gallons	1959-----	1,000 acres	1,000 gallons	1,000 gallons
1950-----	131.0	23,251	1,030	1960-----	13.0	3,676	1,135
1955-----	46.0	8,775	2,006	1961-----	13.0	3,558	1,124
1956-----	19.0	4,990	1,578	1962-----	11.7	3,425	1,520
1957-----	18.0	3,965	1,529	1963-----	10.6	2,813	1,446
1958-----	14.0	3,135	1,697		10.4	2,833	1,115
	13.0	3,617	1,392				

¹ Excludes sorghum, sometimes confused with sugarcane. See table 942 for sugarcane, cane sugar, and molasses.² Excludes production on nonfarm lands in Somerset County, Maine.Source: Dept. of Agriculture, Statistical Reporting Service; annual summary, *Crop Production*.

No. 945. COMMERCIAL VEGETABLE CROPS, MELONS, STRAWBERRIES, AND MINT—ACREAGE, PRODUCTION, AND VALUE, 1962 AND 1963, AND LEADING STATES, 1963

[Production in equivalent short tons. Includes Alaska and Hawaii. Estimates relate to commercial production for fresh market and processing combined. Fresh market estimates include market garden areas but exclude minor producing acreage in minor producing States. Production for home use in farm and non-farm gardens is not included. Value is for season or crop year and should not be confused with calendar-year income]

CROP	ACREAGE ¹			PRODUCTION ² (equivalent tons)			VALUE ³ (\$1,000)	
	1962	1963 (prel.)	1963, leading States	1962	1963 (prel.)	1963, leading States	1962	1963 (prel.)
Artichokes-----	8,000	8,000	Calif., N.Y.	22,000	24,000	Calif., N.Y.	4,197	4,728
Asparagus-----	146,220	145,000	Calif., N.J.	136,250	137,750	Calif., N.J.	49,928	52,604
Beans, lima ⁴ -----	108,130	87,280	Calif., Del.	118,430	96,075	Calif., Del.	20,008	16,200
Beans, snap-----	297,230	305,060	N.Y., Fla.	663,470	683,020	Oreg., N.Y.	83,367	80,515
Beets-----	20,820	22,410	Wis., N.Y.	230,640	236,810	N.Y., Wis.	5,169	4,981
Broccoli-----	37,350	40,450	Calif., Oreg.	103,700	123,900	Calif., Oreg.	17,046	19,339
Brussels sprouts-----	6,000	6,200	Calif., N.Y.	32,950	35,400	Calif., N.Y.	6,215	6,652
Cabbage-----	123,710	118,800	Tex., Fla.	1,162,450	1,130,600	N.Y., Fla.	55,775	48,147
Cantaloups-----	132,300	125,050	Calif., Ariz.	676,700	681,700	Calif., Ariz.	56,411	67,302
Carrots-----	83,690	90,470	Tex., Calif.	843,800	892,550	Calif., Tex.	48,154	39,081
Cauliflower-----	27,130	27,180	Calif., N.Y.	129,150	123,400	Calif., N.Y.	19,419	18,368
Celer-----	30,730	31,430	Calif., Fla.	706,450	721,600	Calif., Fla.	65,532	49,657
Corn, sweet-----	652,170	598,690	Wis., Minn.	2,469,550	2,340,890	Wis., Minn.	87,614	85,583
Cucumbers-----	154,280	167,160	Mich., N.C.	622,070	721,730	Mich., Fla.	46,607	51,034
Eggplant-----	3,500	4,250	Fla., N.J.	27,350	25,900	Fla., N.J.	2,972	2,717
Escarole-----	7,950	8,550	Fla., N.J.	48,450	53,100	Fla., N.J.	5,982	5,082
Garlic-----	2,700	4,100	Calif.	14,200	19,500	Calif.	3,064	3,525
Honeydew melons-----	9,450	7,950	Calif., Tex.	61,750	66,000	Calif., Tex.	5,720	7,656
Kale-----	1,700	1,600	Va.	5,500	4,000	Va.	676	472
Lettuce-----	198,650	215,680	Calif., Ariz.	1,878,300	1,937,550	Calif., Ariz.	161,533	161,426
Mint for oil-----	62,100	54,000	Wash., Oreg.	1,732	1,400	Wash., Oreg.	14,983	12,986
Onions-----	95,790	95,000	Tex., N.Y.	1,288,250	1,201,200	Calif., N.Y.	65,003	85,378
Peas, green ⁵ -----	412,390	425,120	Wis., Wash.	531,220	518,080	Wis., Wash.	47,090	46,808
Peppers, green-----	44,210	45,220	Fla., N.J.	188,600	194,800	Fla., N.J.	32,087	29,588
Shallots-----	1,000	900	La.	1,300	1,300	La.	174	262
Spinach-----	46,370	47,070	Calif., Tex.	182,410	209,790	Calif., Fla.	13,120	14,294
Strawberries-----	94,470	87,670	Oreg., Calif.	263,406	255,424	Calif., Oreg.	94,538	95,183
Tomatoes-----	486,850	406,200	Calif., Fla.	6,418,100	5,075,740	Calif., Fla.	302,895	259,686
Watermelons-----	311,280	307,610	Tex., Fla.	1,444,500	1,555,700	Fla., Tex.	37,274	40,667

¹ Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.² Includes some quantities not marketed and excluded in computing value.³ Based on season average prices received by growers.⁴ Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.⁵ Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.Source: Dept. of Agriculture, Statistical Reporting Service; annual summary, *Commercial Vegetables*.

No. 946. FRUITS—PRODUCTION AND VALUE: 1957 TO 1963

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 316-328, for production and prices]

CROP	UNIT	PRODUCTION (1,000) ¹				FARM VALUE (\$1,000)		
		1957- 1961, avg.	1961	1962	1963 (prel.)	1961	1962	1963 (prel.)
Apples (34 States) ²	Bu. (48 lb.)	121,734	126,555	125,575	122,665	233,734	245,319	240,982
Peaches ³	Bu. (48 lb.)	72,130	77,895	75,489	73,671	142,072	134,333	143,499
Pears ⁴	Bu. ⁴	28,329	27,080	29,294	18,837	60,913	51,754	49,555
Grapes ⁵	Tons.	2,969	3,092	3,239	3,807	179,204	201,368	196,149
Cherries, sweet ⁶	Tons.	87	101	110	70	31,460	31,072	25,062
Cherries, sour	Tons.	134	165	177	82	27,614	16,428	15,592
Plums	Tons.	88	95	91	114	16,744	14,610	17,214
Prunes (fresh basis) ⁶	Tons.	400	415	456	377	54,486	48,580	43,826
Oranges and tangerines (5 States)	Boxes ⁶	127,655	142,095	106,915	102,170	350,224	318,237	342,267
Grapefruit (4 States)	Boxes ⁷	42,282	42,910	34,740	32,400	44,528	54,969	54,182
Lemons ⁶	Boxes ⁹	10 16,690	16,740	12,890	16,300	36,227	49,394	63,032

¹ Includes some quantities not harvested or not marketed on account of economic conditions.

² Production in commercial apple areas.

³ Beginning 1961 crop season, estimates discontinued for some States.

⁴ California, 48 pounds; other States, 50 pounds.

⁵ Fresh basis for California derived by multiplying dry basis estimate by 2 1/2.

⁶ Net content of box varies. In California and Arizona approximate average for oranges is 75 pounds; in other States, oranges, including tangerines, 90 pounds.

⁷ In California and Arizona approximate average is 65 pounds net; in Florida and Texas, 80 pounds net.

⁸ Beginning 1958, includes estimates for Arizona.

⁹ About 76 pounds net.

¹⁰ Includes short-time averages for Arizona.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

No. 947. APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1957 TO 1963

STATE	APPLES (1,000 bu.) ^{1 2}			PEACHES (1,000 bu.) ²			PEARS (1,000 bu.) ²			GRAPES (tons) ²		
	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)	1957- 1961, avg.	1962	1963 (prel.)
Total	3 121,734	125,575	122,665	3 72,130	75,489	73,671	3 28,329	29,294	18,837	3 2,968,636	3,238,900	3,806,750
Ala.				1,025	900	1,050				6,060	8,300	4,500
Ark.	190	225	200	1,686	1,020	1,750				2,696,400	2,928,000	3,515,000
Calif.	9,516	10,900	8,200	36,878	43,545	42,962	15,668	15,834	7,584			
Colo.	1,080	1,300	1,200	1,634	1,800	450	188	220	150			
Conn.	1,326	1,220	1,400	135	160	145	53	55	58			
Del.	312	280	270	49	45	45						
Ga.				4,340	4,500	5,400				1,150	1,000	1,250
Idaho	1,162	1,000	1,250	247	25	200	72	55	80			
Ill.	2,308	2,100	2,200	842	650	140						
Ind.	1,748	2,000	1,300	424	100	10						
Iowa	258	260	300							920	550	400
Kans.	230	180	170	138	95	50						
Ky.	345	375	245	236	245	25						
Md.	1,416	1,350	1,250	467	450	370						
Mass.	2,824	2,900	2,800	105	140	145						
Mich.	12,780	13,000	12,000	3,380	1,600	2,000	1,296	1,500	1,200	50,700	68,000	33,000
Miss.				304	200	320						
Mo.	1,158	1,250	1,250	439	350	250				4,040	4,100	3,200
N.J.	2,880	2,800	2,600	2,240	2,300	2,000				920	900	800
N.Y.	19,920	22,300	21,000	659	550	540	625	630	720	100,800	107,000	110,000
N.C.	2,070	2,700	2,600	1,350	1,400	1,600				940	950	1,000
Ohio	3,460	3,700	2,100	924	700	20				14,520	17,500	8,000
Oreg.	2,092	2,200	2,600	438	500	300	5,042	6,250	3,300			
Pa.	8,640	9,400	8,000	2,660	2,600	2,000	118	120	100	30,000	34,500	32,000
S.C.				5,940	6,600	7,700				2,100	4,000	5,200
Tenn.	340	400	180	166	160	75						
Tex.				680	220	750	140	40	130			
Va.	10,160	9,650	8,800	1,546	1,200	1,000						
Wash.	23,080	21,400	29,200	1,770	2,300	1,350	4,276	4,370	5,200	49,820	52,000	76,000
W. Va.	5,380	5,200	4,600	710	700	450						
Other ⁴	7,010	7,485	6,950	665	434	574	222	220	315	7,880	12,100	16,400

¹ See footnote 2, table 946.

² See footnote 1, table 946.

³ See footnote 3, table 946.

⁴ Excludes Alaska and Hawaii.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summary, *Crop Production*.

No. 948. FRUITS AND NUTS—PRODUCTION, 1954 AND 1959, AND VALUE, 1959

[1959 includes Alaska and Hawaii]

CROP	PRODUCTION (1,000 units)			Value (\$1,000, 1959)
	Unit	1954	1959	
Apples.....	Bu.....	109,088	120,610	206,734
Peaches.....	Bu.....	55,125	68,754	130,452
Pears.....	Bu.....	26,771	27,288	47,049
Cherries.....	Lb.....	354,379	401,340	39,004
Plums and prunes.....	Bu.....	20,597	18,789	70,301
Grapes.....	Lb.....	4,855,851	6,042,447	164,767
Apricots.....	Bu.....	5,707	7,895	22,282
Oranges, including satsumas, tangerines, and mandarins.....	Tons.....	5,326	5,351	396,123
Grapefruit.....	Tons.....	1,766	1,491	55,064
Lemons.....	Field boxes.....	24,456	26,778	41,869
Limes.....	Lb.....	38,330	20,515	1,231
Pecans.....	Lb.....	28,578	45,818	14,804
Walnuts, English or Persian.....	Lb.....	129,177	115,100	27,135
Almonds.....	Lb.....	79,341	145,255	33,844
Filberts and hazelnuts.....	Lb.....	15,030	18,255	3,468
Tung nuts.....	Lb.....	114,780	223,176	6,695
All other.....				33,891

Source: Dept. of Commerce, Bureau of the Census; U.S. *Census of Agriculture: 1959*, Vol. II.

No. 949. CANNED VEGETABLES, FRUITS, JUICES, AND FISH—CANNERS' TOTAL SUPPLY, CARRYOVER, PACK, AND SHIPMENTS: 1961–1962 TO 1963–1964

[In thousands of actual cases. Excludes Alaska and Hawaii, except as noted]

COMMODITY	Season beginning date	TOTAL SUPPLY		1963–1964 SEASON			SHIPMENTS FROM SEASON DATE TO	
		1961–1962	1962–1963	Total supply	Carry-over	Pack	Jan. 1, 1963	Jan. 1, 1964
Vegetables:								
Asparagus.....	Mar. 1	9,582	10,289	10,474	1,625	8,849	7,332	6,498
Beans, green and wax.....	July 1	38,611	38,426	36,957	5,592	31,365	16,697	15,985
Beans, lima.....	Aug. 1	4,404	4,369	3,842	1,076	2,767	n.a.	n.a.
Beets.....	July 1	10,582	13,041	12,702	2,896	1,9,806	5,069	4,865
Carrots.....	July 1	4,837	5,546	4,443	1,086	1,2,757	1,709	1,771
Corn.....	Aug. 1	46,532	50,003	50,861	7,863	42,998	18,688	18,265
Peas.....	June 1	32,791	33,938	33,604	3,073	30,621	18,067	16,601
Pumpkin and squash.....	July 1	3,971	4,289	3,976	1,116	2,860	2,2,782	2,607
Sauerkraut 6.....	Aug. 1	8,101	8,603	7,835	2,092	1,5,743	3,307	3,067
Spinach.....	Mar. 1	7,869	7,649	7,164	1,764	1,5,400	4,638	4,674
Tomatoes.....	July 1	29,724	32,265	29,248	5,205	1,24,043	13,590	14,020
Tomato catsup and chili sauce.....	July 1	44,706	54,419	52,841	15,991	36,850	18,951	19,313
Fruits:								
Apples.....	Sept. 1	4,950	5,159	4,431	947	1,3,484	1,639	1,716
Applesauce.....	Sept. 1	22,597	22,806	20,264	1,784	1,18,480	7,307	7,255
Apricots.....	June 1	8,038	6,424	6,192	1,214	4,978	2,968	3,596
Cherries, red, pitted.....	July 1	3,242	4,428	1,682	368	1,314	2,428	1,013
Cherries, sweet.....	June 1	1,825	2,187	1,562	785	777	746	743
Fruit cocktail 4.....	June 1	25,648	26,197	22,893	3,746	19,147	5,8,880	5,8,636
Grapefruit segments 4.....	Oct. 1	5,543	3,962	2,869	264	1,2,605	1,147	859
Peaches.....	June 1	41,622	43,440	42,515	5,843	36,672	23,907	24,751
Pears.....	June 1	14,444	15,562	9,915	2,370	7,045	6,825	5,522
Pineapple 7.....	June 1	27,794	28,364	21,691	6,888	14,303	11,898	11,331
Purple plums.....	June 1	1,866	2,080	2,193	862	1,381	1,107	924
Juices:								
Citrus blends 6.....	Oct. 1	3,577	3,079	1,021	159	1,862	754	569
Grapefruit 6.....	Oct. 1	10,661	9,784	2,863	1,520	1,1,343	1,925	1,666
Orange 6.....	Oct. 1	16,606	14,522	4,603	1,119	1,3,484	2,789	1,924
Pineapple 7.....	June 1	17,644	17,489	12,401	2,442	1,9,959	6,259	7,273
Tomato 8.....	July 1	36,637	42,085	40,970	9,686	31,234	14,668	17,319
Fish:								
Maine sardines 6.....	Apr. 15	1,132	2,149	2,244	660	1,584	1,057	1,181

n.a. Not available.

1 Pack to January 1, 1964.

2 Shipments to December 1.

3 Converted to cases by using a factor of 10 cases of 24/24's per barrel of 45 gallons.

4 Includes fruits for salad and mixed fruits (except citrus).

5 Standard cases, basis 24/24's.

6 Florida only.

7 Hawaii and the Philippines.

8 Includes vegetable juice combinations containing at least 70 percent tomato juice.

9 Standard cases, basis 100/334-ounce cans.

Source: Dept. of Commerce, Bureau of the Census; *Canned Food Report*.

No. 950. CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1950 TO 1963

[In millions of standard cases of 24 No. 303 cans, except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series P 190-191, for canned corn and tomatoes]

PRODUCT	1950	1955	1956	1957	1958	1959	1960	1961	1962	1963
Fruits 1	75.4	91.4	96.8	89.1	89.4	102.5	101.5	106.4	108.5	n.a.
Apples	4.9	23.3	23.6	23.4	23.3	23.7	23.1	23.7	23.7	23.7
Applesauce	8.3	28.3	29.5	28.9	210.4	211.4	211.8	212.6	212.4	212.9
Apricots	3.7	5.9	4.2	4.2	1.9	5.0	6.1	4.8	4.0	4.1
Berries 3	1.3	1.1	1.0	1.3	1.2	1.2	0.8	0.8	0.9	0.8
Cherries, red, pitted	3.8	3.5	1.8	2.6	2.0	3.0	1.6	2.4	3.2	0.9
Cherries, sweet	0.7	1.4	0.7	1.0	1.0	0.7	0.6	1.1	1.1	0.5
Citrus salad	0.6	20.5	20.4	20.3	20.4	20.3	20.2	20.3	20.1	n.a.
Cranberry sauce 2	2.5	3.0	3.1	3.0	3.1	3.7	2.2	3.4	3.2	3.3
Figs	0.5	0.6	0.6	0.5	0.5	0.3	0.5	0.4	0.5	0.4
Fruit cocktail	7.5	9.8	11.0	10.6	10.7	12.1	12.8	13.7	13.8	12.6
Fruit salad	0.6	0.8	0.9	0.9	0.6	0.9	0.8	0.7	0.8	0.8
Grapefruit sections 2	3.2	3.3	3.1	2.9	3.2	2.8	3.0	2.9	1.8	n.a.
Mixed fruits	0.1	0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.5	0.4
Olives 2	1.8	1.8	2.5	1.9	2.2	1.6	2.8	2.0	2.6	2.8
Peaches 4	16.8	23.1	28.3	24.4	25.3	30.1	30.8	31.3	33.2	32.7
Pears	6.4	8.3	8.9	8.6	7.9	9.5	8.5	9.1	9.4	5.6
Pineapple 5	211.7	14.7	14.6	13.5	14.2	14.2	15.0	15.2	15.1	15.0
Plums 6	1.0	1.7	2.3	1.1	1.3	1.8	0.4	1.7	2.2	1.2
Juices: 7										
Apple	3.4	3.4	4.0	4.4	5.2	6.6	6.2	6.9	7.4	8.6
Grapefruit	18.3	13.8	14.2	10.7	11.4	11.3	11.0	11.2	9.4	n.a.
Orange	22.5	16.6	17.6	18.3	14.3	16.3	11.5	14.6	11.3	n.a.
Orange-grapefruit	9.4	5.4	5.3	5.0	4.4	4.5	3.2	3.9	3.1	n.a.
Pineapple 6	15.7	16.2	16.7	12.5	15.2	13.4	14.4	15.3	15.3	14.8
Tomato	26.2	43.6	32.6	37.5	31.1	33.0	31.6	40.2	34.5	
Seasonal vegetables	151.5	167.1	193.7	182.0	184.7	180.0	178.2	203.1	203.9	201.3
Asparagus	5.5	7.6	6.6	7.1	7.5	7.1	8.0	8.4	9.1	9.2
Beans, green and wax	25.6	28.5	29.3	31.9	32.2	30.9	33.2	40.2	36.9	37.5
Beans, lima	3.9	3.4	4.1	3.1	3.0	3.3	3.8	4.3	3.6	3.1
Beets	9.9	9.2	11.8	10.2	9.6	9.7	8.8	10.6	12.6	12.7
Carrots	2.3	2.2	3.8	2.9	3.9	3.5	5.0	3.9	5.1	5.1
Corn, sweet	22.3	29.4	43.5	38.5	33.0	41.2	35.3	46.2	45.7	44.2
Greens, leafy	2.4	3.1	2.7	2.6	3.1	2.2	2.9	2.4	2.2	2.8
Mixed vegetables	2.9	2.0	2.0	1.7	2.3	2.2	2.6	2.4	2.5	2.7
Peas, field	2.1	2.2	1.1	1.7	2.4	2.1	2.1	2.3	2.0	2.1
Peas, green	35.5	33.4	35.7	41.3	36.0	31.3	28.7	32.4	33.7	33.6
Pimientos	1.5	1.2	0.4	0.4	0.6	0.8	0.9	1.2	0.3	0.4
Pumpkin and squash	2.7	5.1	6.2	4.1	4.3	4.5	5.0	4.3	4.8	4.0
Spinach	6.8	7.3	7.8	7.7	6.4	8.7	7.8	7.7	7.3	8.0
Tomatoes	25.8	30.2	36.5	26.4	37.2	29.4	31.0	34.0	35.5	33.0
Other vegetable packs 8	2.3	2.3	2.2	2.4	3.2	3.1	3.1	2.8	2.6	2.9
Nonseasonal vegetables:										
Sauerkraut 2	10.9	9.3	9.9	9.7	9.3	8.2	9.8	9.9	9.4	n.a.
Sweetpotatoes	5.2	6.2	6.2	6.5	8.6	8.9	6.9	8.2	10.9	8.8
White potatoes	1.9	3.3	3.5	4.0	4.1	3.6	4.2	4.6	3.7	3.5
Tomato products:	n.a.	39.9	52.3	37.4	45.8	39.3	48.6	n.a.	n.a.	n.a.
Catsup and chili sauce	14.2	22.4	30.1	22.2	23.5	30.0	29.7	38.7	29.8	

n.a. Not available. 1 Basis 24 No. 2½ cans. 2 Pack beginning in year shown.

3 Blackberries, blueberries, boysenberries, gooseberries, loganberries, raspberries, and strawberries.

4 Includes spiced peaches.

5 Hawaiian pack plus receipts from Puerto Rico. Beginning 1955, represents U.S. pack and foreign operations.

6 Includes purple plums. 7 Basis 24 No. 2 cans. 8 Succotash, carrots and peas, okra, okra and tomatoes.

Source: National Canners Association, Washington, D.C.; *Canned Food Pack Statistics*, and unpublished data.

No. 951. PRODUCTION OF PRINCIPAL FROZEN FOODS: 1950 TO 1963

[In millions of pounds. Includes Alaska and Hawaii]

YEAR	Total	VEGETABLES		Fruits and berries, excluding citrus juices	Citrus juices 1	Meat	Poultry	Prepared foods	Seafoods
		Total, excluding potatoes	Potato products						
1950	3,079	558	29	472	1,212	35	411	75	287
1955	7,307	1,011	129	600	3,318	250	1,000	625	315
1956	8,406	1,343	190	694	3,698	325	1,080	750	325
1957	8,442	1,145	220	671	3,706	365	1,180	840	314
1958	8,126	1,184	269	610	3,300	340	1,200	920	323
1959	9,738	1,256	371	618	4,291	325	1,500	1,040	337
1960	10,318	1,407	551	660	3,960	310	2,000	1,100	329
1961	11,005	1,537	579	705	4,029	335	2,300	1,200	320
1962	12,527	1,503	762	669	5,433	355	2,162	1,300	343
1963	10,013	1,450	862	620	2,695	362	2,273	1,400	351

1 Includes single-strength orange juice, lemon juice, grapefruit juice, lime juice, and citrus purees. Concentrated juices reconstituted.

Source: National Frozen Food Association, New York, N.Y.; annual report, *Frozen Food Fact Book and Directory*.

No. 952. COLD-STORAGE MONTHLY HOLDINGS—ANIMAL PRODUCTS, FISH, FRUITS, AND VEGETABLES: 1950, 1960, AND 1963

[In millions of pounds, except shell eggs in thousands of 30-dozen cases, and orange juice in millions of gallons.
 Excludes Alaska and Hawaii, except as noted. Quantities are net weights and are as of 1st of each month.
 Beef and pork figures cover frozen, cured, and in process of cure. For 1963, meat figures exclude sausage and edible offal; not comparable with earlier years]

COMMODITY	1950				1960				1963			
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.
All meats.....	725	778	633	410	544	594	591	403	506	637	623	523
Beef, including veal.....	137	110	67	89	212	174	153	171	202	202	197	228
Pork.....	474	549	469	241	264	338	351	158	230	333	323	210
Lamb and mutton.....	14	11	7	6	15	11	12	13	15	23	20	18
Frozen fish ¹	147	87	117	158	232	143	166	222	231	154	186	256
Frozen poultry ²	293	212	122	140	317	220	150	203	335	251	178	363
Frozen turkeys.....	127	113	64	43	149	105	67	186	203	153	89	251
Shell eggs.....	110	1,206	3,667	1,558	188	181	1,110	483	117	51	274	154
Frozen eggs ³	54	117	188	133	79	81	157	140	61	38	103	95
Cheese.....	189	158	254	327	304	262	345	346	422	343	416	408
Creamery butter.....	114	93	185	234	31	65	163	136	319	345	401	329
Cream (fluid and plastic).....	12	5	18	16	7	9	30	19	6	6	13	7
All frozen fruits.....	259	178	217	338	465	322	317	522	527	380	338	490
Strawberries.....	47	18	106	116	166	104	174	204	159	100	162	175
Cherries.....	47	30	14	75	57	20	10	78	112	77	41	85
All frozen vegetables.....	371	270	236	431	844	614	564	942	1,233	1,064	950	1,260
Lima beans.....	63	44	30	72	89	52	25	115	143	112	78	134
Peas.....	91	54	57	145	204	116	125	267	217	129	181	315
Frozen orange juice.....	2	5	11	9	22	31	45	26	39	47	43	28

¹ Includes Alaska. ² Includes frozen turkeys.

³ Frozen eggs may be converted to cases on basis of 38.5 pounds to a case in 1950, and 39.5 pounds to a case in 1960 and 1963.

Source: Frozen fish, Dept. of the Interior, Fish and Wildlife Service; annual bulletin, *Frozen Fish Summary*. Other figures, Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*; also in monthly mimeographed reports.

No. 953. LIVESTOCK—LIVEWEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS: 1940 TO 1963

[Price per 100 pounds. Beginning 1962, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 205-212]

YEAR	ALL CATTLE			HOGS			SHEEP		
	Production ¹ (1,000 lb.)	Price, beef	Price, calves	Production ¹ (1,000 lb.)	Price	Production ¹ (1,000 lb.)	Price, sheep	Price, lambs	
1940.....	15,702,110	\$7.56	\$8.83	17,043,404	\$5.39	2,100,928	\$3.95	\$8.10	
1945.....	19,517,065	12.10	13.00	18,843,444	14.00	1,911,980	6.38	13.10	
1950.....	21,185,248	23.30	26.30	20,213,732	18.00	1,335,720	11.60	25.10	
1955.....	28,099,401	15.60	16.80	20,153,606	15.00	1,618,013	5.78	18.40	
1957.....	26,554,576	17.20	18.70	18,413,031	17.80	1,533,525	6.05	19.90	
1958.....	26,764,386	21.90	25.30	19,179,682	19.60	1,657,480	7.20	21.00	
1959.....	28,279,740	22.60	26.70	21,272,888	14.10	1,712,664	6.00	18.70	
1960.....	28,721,470	20.40	22.90	19,215,604	15.30	1,652,639	5.61	17.90	
1961.....	29,694,319	20.20	23.70	20,172,802	16.60	1,683,849	5.18	15.80	
1962.....	30,375,728	21.30	25.10	20,311,828	16.30	1,529,885	5.67	17.80	
1963.....	32,328,503	19.00	24.00	20,728,560	14.90	1,461,194	5.76	18.10	

¹ Includes adjustment for livestock shipped in and inventory changes.

Source: Dept. of Agriculture, Statistical Reporting Service; in annual reports, *Agricultural Statistics and Meat Animals—Farm Production, Disposition, and Income, 1962-63*.

No. 954. MEATS AND LARD—SLAUGHTERING, PRODUCTION, FOREIGN TRADE, AND CONSUMPTION: 1945 TO 1963

[All quantities, except per capita, represent carcass weight equivalent. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Excludes edible by-products. Production of pork comprises weight of dressed hog carcass less head, bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Excludes USDA exports and shipments for Lend-Lease, UNRRA and other claimants, and shipments for military civilian feeding and voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings, and of deliveries to USDA. See also *Historical Statistics, Colonial Times to 1957*, series K 214-215, K 217-218, K 220-221, and K 223-224, for animals slaughtered and production, and G 552-555, for civilian per capita consumption.]

ITEM AND YEAR	ANIMALS SLAUGHTERED		PRODUCTION		Exports of U.S. production	Imports for consumption	CIVILIAN CONSUMPTION	
	Total ¹	Under Federal inspection	Total	Federally inspected			Total	Per capita
All meats (excluding lard):								
1945	1,000 head	1,000 head	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pounds
1945	131,878	93,167	23,691	15,359	75	130	18,742	145.2
1950	121,622	87,656	22,075	16,040	135	384	21,721	144.6
1955	137,055	102,307	26,895	20,127	189	406	26,430	162.8
1958	125,423	95,173	25,658	19,475	169	1,143	25,080	151.6
1959	134,928	104,507	27,319	21,114	198	1,363	27,819	159.5
1960	135,072	104,843	28,208	21,881	195	1,048	28,629	161.4
1961	134,139	105,641	28,585	22,486	193	1,325	29,045	161.0
1962	135,509	107,781	28,961	22,926	186	1,799	29,936	163.7
1963 (prel.)	138,766	111,729	30,490	24,596	236	2,050	31,586	170.1
Beef:								
1945	21,691	14,531	10,276	7,236	34	127	7,665	59.4
1950	18,614	13,103	9,584	7,051	21	338	9,529	68.4
1955	26,587	19,055	13,569	10,195	59	229	13,313	82.0
1958	24,368	17,642	13,330	10,106	47	896	13,736	80.5
1959	28,722	17,458	13,580	10,462	51	1,047	14,202	81.4
1960	26,026	19,394	14,727	11,442	54	760	15,121	85.2
1961	26,467	19,968	15,298	12,026	54	1,021	15,873	88.0
1962	26,905	20,339	15,296	11,984	50	1,414	16,298	89.1
1963 (prel.)	28,035	21,662	16,430	13,136	52	1,653	17,599	94.8
Veal:								
1945	13,657	7,020	1,664	828	3	1	1,536	11.9
1950	10,501	5,850	1,230	667	2	10	1,206	8.0
1955	12,864	7,499	1,578	903	3	(2)	1,531	9.4
1958	9,788	5,672	1,186	667	2	13	1,150	6.7
1959	8,072	4,875	1,008	575	2	16	990	5.7
1960	8,611	5,260	1,108	623	2	15	1,092	6.2
1961	8,081	5,005	1,044	586	2	16	1,021	5.7
1962	7,854	4,980	1,015	575	2	26	1,003	5.5
1963 (prel.)	7,201	4,535	930	512	2	26	919	4.9
Lamb and mutton:								
1945	24,630	21,218	1,054	913	4	(2)	943	7.3
1950	13,244	11,739	597	534	2	3	596	4.0
1955	16,553	14,383	758	663	1	2	753	4.6
1958	14,495	12,397	688	592	2	41	719	4.2
1959	15,528	13,466	738	645	2	104	830	4.8
1960	16,239	14,036	768	667	2	87	832	4.8
1961	17,536	15,036	832	716	2	101	923	5.1
1962	17,171	14,692	809	695	3	143	950	5.2
1963 (prel.)	16,127	13,955	770	668	2	145	908	4.9
Pork (excluding lard):								
1945	71,891	50,398	10,697	6,387	34	2	8,598	66.6
1950	79,263	56,964	10,714	7,788	110	33	10,390	69.2
1955	81,051	61,370	10,990	8,366	126	175	10,833	66.8
1958	76,822	59,462	10,454	8,110	118	193	10,325	60.2
1959	87,606	68,708	11,093	9,432	143	186	11,797	67.6
1960	84,196	66,153	11,605	9,149	137	186	11,564	65.2
1961	82,050	65,632	11,411	9,158	135	187	11,228	62.2
1962	83,579	67,770	11,841	9,672	131	216	11,685	63.9
1963 (prel.)	87,403	71,577	12,360	10,280	180	226	12,100	65.5
Lard:								
1945			2,066	1,311	559	(2)	1,509	11.6
1950			2,631	2,009	522	(2)	1,891	12.6
1955			2,660	2,140	620	(2)	1,639	10.1
1958			2,426	1,982	455		1,640	9.6
1959			2,780	2,309	673		1,536	8.8
1960			2,563	2,127	681		1,359	7.7
1961			2,517	2,118	485		1,396	7.7
1962			2,480	2,104	488	(2)	1,317	7.2
1963 (prel.)			2,473	2,117	594	(2)	1,201	6.5

¹ Comprises inspected, noninspected, retail, and farm slaughter.

² Less than 500,000 pounds.

No. 955. LIVESTOCK ON FARMS—NUMBER, BY STATES: 1959 AND 1964

(In thousands. For composition of regions, see fig. I, p. XII)

STATE	Horses and mules, 1959 (Oct.)	ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
		1959 (Oct.)	1964 (Jan. 1)	1959 (Oct.)	1964 (Jan. 1) ¹	1959 (Oct.)	1964 (Jan. 1)	1959 (Oct.)	1964 (Jan. 1)
United States	2,955	92,534	106,488	16,522	18,073	33,945	28,151	67,949	56,007
The North	934	47,058	53,305	10,794	11,812	11,886	9,011	52,605	44,703
The South	1,461	28,457	33,476	3,989	4,323	8,173	6,564	13,613	9,940
The West	560	17,019	19,707	1,739	1,938	13,886	12,576	1,641	1,364
New England	30	986	983	571	625	82	71	190	179
Maine	8	186	186	89	101	41	34	25	19
New Hampshire	4	91	95	48	57	8	7	14	13
Vermont	9	406	410	248	276	12	9	14	10
Massachusetts	5	143	142	89	93	11	11	108	111
Rhode Island	1	20	19	14	14	2	2	9	10
Connecticut	4	140	131	83	84	7	8	21	16
Middle Atlantic	112	4,020	4,159	2,121	2,412	463	369	966	699
New York	47	2,023	2,067	1,173	1,338	189	145	166	89
New Jersey	7	186	180	120	125	15	14	179	158
Pennsylvania	58	1,810	1,912	827	949	260	210	621	452
East North Central	296	13,673	14,504	4,301	4,728	3,342	2,371	20,129	17,849
Ohio	74	2,200	2,204	641	677	1,234	800	3,060	2,564
Indiana	53	1,974	2,188	411	436	557	416	5,387	4,984
Illinois	74	3,790	3,978	542	550	813	588	8,284	7,812
Michigan	36	1,610	1,752	612	687	459	342	968	705
Wisconsin	59	4,100	4,382	2,095	2,378	279	225	2,460	1,784
West North Central	496	28,379	33,659	3,801	4,047	7,999	6,200	31,410	25,976
Minnesota	58	3,598	4,474	1,216	1,407	1,107	795	4,707	3,400
Iowa	81	6,480	7,053	831	844	1,792	1,290	14,789	12,785
Missouri	102	3,833	4,391	613	633	825	557	4,777	3,997
North Dakota	57	1,841	2,232	264	276	809	601	508	296
South Dakota	61	3,322	4,074	243	251	1,935	1,641	2,042	1,517
Nebraska	68	4,982	6,004	319	290	756	661	3,245	2,672
Kansas	68	4,324	5,431	316	337	775	655	1,341	1,309
South Atlantic	451	6,541	7,157	1,370	1,497	775	570	5,779	4,418
Delaware	3	50	48	24	26	4	5	38	36
Maryland	15	476	473	198	226	38	29	217	172
Virginia	84	1,316	1,363	308	352	343	254	786	692
West Virginia	38	515	504	121	122	290	220	148	73
North Carolina	145	884	925	243	272	53	36	1,660	1,330
South Carolina	68	497	547	100	103	11	8	673	395
Georgia	71	1,353	1,571	196	212	28	11	1,835	1,487
Florida	27	1,501	1,726	181	184	7	7	423	333
East South Central	518	7,222	8,573	1,465	1,589	916	405	5,298	3,899
Kentucky	145	1,947	2,495	466	528	546	240	1,653	1,372
Tennessee	139	1,743	2,154	456	505	261	118	1,610	1,142
Alabama	93	1,526	1,775	208	234	36	14	1,224	886
Mississippi	142	2,006	2,149	335	322	73	33	812	498
West South Central	492	14,694	17,746	1,154	1,237	6,482	5,589	2,535	1,623
Arkansas	77	1,281	1,485	204	200	47	35	499	257
Louisiana	87	1,656	1,890	205	255	95	71	353	167
Oklahoma	90	3,239	4,029	288	228	276	191	524	314
Texas	238	8,517	10,342	507	556	6,064	5,292	1,159	885
Mountain	394	10,601	11,834	599	647	10,554	9,745	825	706
Montana	86	2,459	2,674	73	74	1,816	1,583	189	171
Idaho	50	1,380	1,651	194	215	1,242	1,026	174	134
Wyoming	49	1,253	1,288	29	28	2,373	2,238	45	33
Colorado	65	2,197	2,616	118	114	2,055	1,706	248	221
New Mexico	43	1,081	1,257	39	43	992	1,089	62	45
Arizona	51	1,003	1,084	44	54	473	549	29	29
Utah	30	698	712	88	102	1,291	1,271	74	64
Nevada	19	581	552	14	17	312	283	10	9
Pacific	166	6,418	7,873	1,140	1,291	3,332	2,831	816	658
Washington	38	1,150	1,426	218	250	313	306	159	134
Oregon	44	1,354	1,537	152	156	887	740	198	136
California	77	3,703	4,682	754	867	2,105	1,767	830	829
Alaska	n.a.	6	8	2	3	15	18	1	1
Hawaii	7	205	220	14	15	12	78	58	58

n.a. Not available.

¹ Represents cows and heifers 2 years old and over kept for milk.

No. 956. LIVESTOCK—NUMBER ON FARMS AND VALUE PER HEAD: 1940 TO 1964

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 195-204]

YEAR	ALL CATTLE		HOGS AND PIGS		STOCK SHEEP		HORSES ¹		MULES ¹	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
CENSUS DATA²										
1940 (Apr. 1)-----	60,675	\$42.82	34,037	\$8.36	40,129	\$5.90	10,087	\$75.92	3,845	\$113.46
1945 (Jan. 1)-----	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	136.83
1950 (Apr. 1)-----	76,762	119.02	55,722	19.70	31,387	17.69	5,402	49.50	2,202	95.28
1954 (Oct.-Nov.)-----	95,027	86.64	57,093	33.13	31,619	14.93	4,141	56.09	-----	-----
1959 (Oct. 1) ⁴ -----	92,534	135.20	67,949	20.18	33,945	16.38	2,955	112.82	-----	-----
ANNUAL DATA (JAN. 1)										
1940-----	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,084	116.00
1945-----	85,573	66.90	59,373	20.60	39,609	8.45	8,715	64.90	3,235	134.00
1950-----	77,963	124.00	58,937	27.10	26,182	17.80	7,781	61.30	-----	-----
1955-----	96,502	88.20	50,474	30.60	27,137	14.90	4,309	56.20	-----	-----
1957-----	92,860	91.60	51,897	24.70	26,348	14.90	3,632	71.80	-----	-----
1958-----	91,176	120.00	51,517	30.20	27,167	19.40	3,415	84.40	-----	-----
1959-----	93,322	153.00	58,045	32.00	28,108	20.30	3,189	102.00	-----	-----
1960-----	96,236	137.00	59,026	18.50	28,849	16.50	3,089	113.00	-----	-----
1961 ⁴ -----	97,534	134.00	55,506	27.10	28,571	14.60	-----	-----	-----	-----
1962 ⁴ -----	100,002	140.00	57,000	27.50	27,065	12.90	-----	-----	-----	-----
1963 ⁴ -----	103,736	142.00	58,883	27.50	25,731	14.40	-----	-----	-----	-----
1964 (prel.) ⁴ -----	106,488	127.00	56,007	23.40	24,533	14.00	-----	-----	-----	-----

¹ Jan. 1 estimates include colts. Mules included with horses in Census figures, 1954 and 1959, and USDA figures, beginning 1950. Beginning 1961, estimates for horses and mules discontinued.

² Census figures for 1945, 1950, 1954, and 1959, animals of all ages; 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

³ Not available for Florida, Georgia, and South Carolina.

⁴ Includes Alaska and Hawaii.

Source: Census data—Dept. of Commerce, Bureau of the Census; U.S. *Census of Agriculture: 1959*, Vol. II. All other data—Dept. of Agriculture, Statistical Reporting Service; in annual report, *Agricultural Statistics*, and annual livestock summaries.

No. 957. LIVESTOCK—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE: 1941 TO 1963

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Beginning 1961, local market prices except milk cows include Alaska and Hawaii. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics, Colonial Times to 1957*, series K 206, K 207, K 209, K 212, K 216, K 219, K 222, and K 225.]

PERIOD OR YEAR	Milk cows at local market, per head	BEEF CATTLE ¹		CALVES ²		SHEEP		LAMBS		HOGS	
		Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago
1941-1945-----	98.68	10.86	14.41	12.26	14.36	5.96	6.45	11.98	13.80	12.58	13.14
1946-1950-----	170.20	19.64	26.20	21.78	25.92	9.29	9.85	21.28	23.83	20.16	20.46
1951-1955-----	192.00	20.18	27.71	21.52	28.90	8.92	8.76	22.42	25.21	19.16	19.17
1956-1960-----	197.00	19.40	25.21	21.94	28.35	6.09	6.00	19.20	21.25	16.24	16.33
1950-----	198.00	23.30	29.35	26.30	31.08	11.60	12.19	25.10	27.54	18.00	18.20
1955-----	146.00	15.00	22.59	16.80	24.80	5.78	5.18	18.40	20.95	15.00	14.80
1957-----	166.00	17.20	23.48	18.70	25.93	6.05	6.55	19.90	22.37	17.80	17.80
1958-----	210.00	21.90	27.09	25.30	32.20	7.20	7.23	21.00	22.58	19.60	19.80
1959-----	233.00	22.00	27.53	26.70	31.91	6.00	5.56	18.70	20.93	14.10	14.12
1960-----	223.00	20.40	25.93	22.90	28.07	5.61	5.56	17.90	19.26	15.30	15.50
1961-----	224.00	20.20	24.46	23.70	-----	5.18	5.15	15.80	17.07	16.60	16.71
1962-----	220.00	21.30	27.20	25.10	-----	5.67	5.15	17.80	19.45	16.30	16.44
1963-----	214.00	19.90	23.79	24.00	-----	5.76	5.81	18.10	18.69	14.90	15.03

¹ Chicago prices are for beef steers, all grades, excluding western.

² Chicago prices are for choice grade, except year 1959 which is good grade.

Source: Dept. of Agriculture, Statistical Reporting Service; in annual reports, *Agricultural Statistics* and *Agricultural Prices*.

No. 958. DAIRYING—COWS KEPT FOR MILK, AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1950 TO 1963

[In millions of pounds, except as indicated. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 226-239]

ITEM	1950	1955	1959	1960	1961	1962	1963 (prel.)
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1.....	23,853	23,462	20,132	19,527	19,361	19,187	18,679
Value per head.....	177.00	134.00	221.00	210.00	208.00	211.00	205.00
Milk produced on farms.....	116,602	122,945	121,989	122,951	125,442	126,021	124,783
Whole milk sold from farms ¹	78,140	93,632	102,880	105,814	110,097	112,461	112,801
Production of dairy products:							
Butter, factory ²	1,386	1,383	1,334	1,373	1,484	1,535	n.a.
Cheese factory.....	1,191	1,307	1,383	1,478	1,635	1,585	n.a.
American ³	897	1,008	952	1,007	1,160	1,105	n.a.
Swiss (including block).....	99	117	112	121	121	109	n.a.
Brick, Munster, and Limburger.....	36	49	52	54	50	50	n.a.
Cream and Neufchatel.....	69	80	99	106	110	122	n.a.
All Italian varieties.....	60	86	141	158	162	165	n.a.
All other varieties ⁴	32	29	32	37	37	37	n.a.
Condensed milk.....	1,057	1,078	1,259	1,273	1,870	1,347	n.a.
Evaporated milk, unskimmed, unsweetened.....	2,882	2,580	2,268	2,177	2,117	1,929	n.a.
Condensed or evaporated buttermilk.....	183	63	14	8	7	5	n.a.
Dry whole milk.....	125	108	90	98	82	79	n.a.
Nonfat dry milk solids ⁵	899	1,386	1,747	1,844	2,048	2,256	n.a.
Dry whey.....	156	211	247	277	271	284	n.a.
Malted milk powder.....	31	34	27	25	24	23	n.a.
Ice cream of all kinds ⁶	554	629	699	698	697	702	n.a.
Sherbet (excludes water ices).....	17	37	40	41	40	41	n.a.
Ice milk.....	37	90	134	145	163	186	n.a.
Wholesale prices:							
Wisconsin Cheese Exchange, twins or cheddars.....	cents per lb.	30.8	31.6	32.0	34.6	34.9	33.9
Butter, N. Y. (Grade A).....	cents per lb.	62.2	58.2	60.6	59.9	61.2	59.4
Prices received by farmers:							
Milkfat in cream.....	cents per lb.	62.0	57.8	60.1	60.5	61.5	58.7
Whole milk:							
Wholesale, per 100 lb.....	dollars	3.89	4.01	4.16	4.21	4.22	4.11
Retail.....	cents per qt.	18.5	20.8	21.4	21.7	21.8	22.0

n.a. Not available. ¹ Includes Alaska and Hawaii.

² Comprises sales to plants and dealers, and retail sales by farmers direct to consumer.

³ Includes whey butter. ⁴ Includes total American, part-skim and full-skim American-type cheese.

⁵ Includes Blue Mold. ⁶ Includes dry skim milk for animal feed.

⁷ Includes ice cream made by counter freezers and by other small retailers.

Source: Dept. of Agriculture, Statistical Reporting Service; annual reports, *Production of Manufactured Dairy Products* and *Milk Production, Disposition, and Income*; also in annual report, *Agricultural Statistics*.

No. 959. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1940 TO 1964

[Beginning 1961, includes Alaska and Hawaii for chickens and eggs. See also *Historical Statistics, Colonial Times to 1957*, series K 242-258]

YEAR	CHICKENS ¹				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound ²	Number produced	Price per dozen ²	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound ²
1940.....	1,000	Dollars	1,000	Cents	Millions	Cents	1,000	Dollars	1,000	Cents
1940.....	438,288	.60	555,563	13.0	39,707	18.0	8,569	2.14	33,316	15.2
1945.....	516,497	1.21	799,102	25.9	56,221	37.7	7,082	5.79	42,470	33.7
1950.....	456,549	1.30	535,266	22.2	58,954	36.3	5,124	6.34	44,154	32.9
1955.....	390,708	1.05	375,268	18.6	59,526	39.5	4,917	5.33	65,471	30.2
1957.....	391,363	1.17	309,941	13.7	61,026	35.9	5,828	5.05	81,232	23.4
1958.....	374,281	1.26	344,497	14.0	61,607	38.5	5,612	4.67	79,333	23.9
1959.....	387,002	1.20	311,212	11.0	68,835	31.4	6,105	4.65	84,284	23.9
1960.....	369,484	1.06	262,593	12.2	61,491	36.0	5,638	4.89	84,588	25.4
1961.....	361,685	1.25	281,905	10.1	62,080	35.5	6,770	4.91	107,879	18.9
1962.....	368,452	1.15	260,321	10.2	63,144	33.6	6,488	3.79	92,113	21.6
1963.....	366,823	1.10	259,219	10.0	63,210	34.4	6,475	4.39	93,149	22.3
1964.....	370,513	1.16	n.a.	n.a.	n.a.	n.a.	6,315	4.28	n.a.	n.a.

n.a. Not available.

¹ Excludes commercial broilers. ² Average annual price received by farmers.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 960. POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES: 1962 AND 1963

[Eggs in millions; other figures in thousands. For composition of regions, see fig. I, p. XII]

STATE	EGGS PRODUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRODUCED		CHICKS HATCHED BY COMMERCIAL HATCHERIES		TURKEYS RAISED	
	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963
United States ¹	63,144	63,210	321,718	317,527	2,025,843	2,104,813	2,699,249	2,768,930	92,365	93,370
The North	34,000	31,888	158,668	161,606	260,195	242,822	618,242	691,821	48,227	48,928
The South	19,022	20,717	112,954	117,966	1,671,884	1,766,198	1,884,968	1,985,120	18,530	21,496
The West ²	10,122	10,605	50,096	47,955	93,764	95,793	196,039	191,989	25,608	22,946
New England	2,677	2,786	17,145	16,986	90,463	89,934	135,690	132,593	744	754
Maine	805	807	6,026	6,088	61,989	63,849	67,588	68,910	29	28
New Hampshire	330	336	2,291	2,360	5,616	3,707	16,106	14,293	74	86
Vermont	158	151	956	899	525	593	479	451	25	20
Massachusetts	692	587	3,360	3,192	7,106	8,172	2 18,866	2 20,786	356	361
Rhode Island	78	82	463	440	1,251	1,314	(2)	(2)	43	21
Connecticut	714	733	4,049	4,009	13,976	12,299	32,651	28,153	217	238
Middle Atlantic	6,846	6,742	29,940	29,284	47,901	45,591	113,662	111,990	2,127	2,034
New York	1,780	1,813	7,026	7,588	6,606	4,294	20,490	20,710	603	493
New Jersey	1,864	1,815	7,229	6,795	3,500	2,800	15,200	12,447	156	159
Pennsylvania	3,202	3,114	15,685	14,901	37,795	38,497	77,972	78,833	1,368	1,382
East North Central	10,291	9,763	42,552	40,816	66,807	58,071	171,134	156,971	14,548	14,476
Ohio	2,465	2,435	9,469	9,374	10,764	9,042	35,340	34,350	3,452	3,696
Indiana	2,284	2,247	12,444	11,592	32,499	27,541	71,384	62,484	3,396	3,222
Illinois	2,283	2,032	9,071	8,527	3,204	2,368	27,249	24,255	1,076	1,092
Michigan	1,326	1,265	5,458	5,294	2,950	2,773	17,340	17,610	1,097	1,107
Wisconsin	1,933	1,784	6,090	6,029	17,390	16,347	19,321	18,272	5,527	5,359
West North Central	14,186	12,597	69,031	64,520	55,024	49,226	3 197,756	3 190,267	30,808	31,664
Minnesota	3,282	2,925	15,023	13,821	12,414	11,793	38,303	38,281	15,125	15,084
Iowa	4,432	3,940	20,670	19,636	2,975	2,618	40,750	39,915	7,792	7,964
Missouri	1,741	1,484	9,108	8,562	37,100	32,300	80,058	76,065	4,103	5,221
North Dakota	424	386	2,688	2,607	-----	-----	(3)	(3)	973	822
South Dakota	1,587	1,446	7,080	6,514	-----	-----	(3)	(3)	830	809
Nebraska	1,623	1,446	7,518	6,900	1,003	983	14,697	13,838	1,151	914
Kansas	1,097	970	6,946	6,390	1,532	1,532	10,026	9,027	834	760
South Atlantic	8,908	9,744	55,484	58,565	868,578	903,187	41,001,363	41,026,761	9,315	11,011
Delaware	128	124	992	952	91,306	104,089	(4)	(4)	136	344
Maryland	270	270	1,827	1,790	118,686	130,552	134,271	150,156	233	237
Virginia	1,108	1,250	6,604	6,406	48,668	44,288	79,281	73,182	4,045	4,676
West Virginia	342	329	1,796	1,634	20,582	19,141	(4)	(4)	1,023	1,164
North Carolina	2,304	2,324	13,644	15,281	208,126	215,314	220,889	230,439	2,345	2,726
South Carolina	948	1,021	7,026	6,604	20,755	20,319	28,289	26,544	632	461
Georgia	2,583	3,014	18,150	19,092	353,600	359,760	417,908	422,462	663	663
Florida	1,225	1,412	5,445	6,806	11,855	9,721	36,028	36,495	238	226
East South Central	4,959	5,613	28,805	29,978	403,040	433,393	443,070	477,940	1,320	1,432
Kentucky	853	913	5,583	5,304	15,165	12,890	8,595	7,836	805	627
Tennessee	927	921	5,141	5,141	33,337	36,004	52,545	51,020	114	100
Alabama	1,687	1,950	9,820	10,115	214,933	227,989	225,292	248,123	238	536
Mississippi	1,492	1,829	8,261	9,418	139,005	156,510	156,638	170,961	163	169
West South Central	5,155	5,360	28,665	29,423	400,266	429,618	440,535	480,419	7,895	9,053
Arkansas	1,622	1,842	7,346	8,962	242,850	259,850	248,229	268,664	2,478	2,990
Louisiana	511	505	4,039	3,918	24,029	27,481	24,234	31,788	50	35
Oklahoma	560	519	8,132	2,819	7,681	10,907	10,805	11,057	1,284	1,437
Texas	2,562	2,494	14,148	13,724	125,706	131,380	157,267	168,910	4,083	5,585
Mountain	1,425	1,404	7,937	7,297	6,942	7,220	5 15,822	5 15,435	5,633	5,812
Montana	198	195	1,533	1,334	-----	-----	1,247	965	27	9
Idaho	263	251	1,606	1,558	4,441	5,322	5,966	6,568	254	276
Wyoming	57	58	250	262	-----	-----	(6)	(6)	4	3
Colorado	279	264	1,268	1,103	235	210	2,429	2,371	1,632	1,986
New Mexico	157	160	730	672	-----	-----	(6)	(6)	27	8
Arizona	160	166	1,119	1,041	457	313	2,316	1,994	180	209
Utah	299	299	1,342	1,248	1,809	1,375	3,674	3,244	3,508	3,321
Nevada	12	11	89	79	-----	-----	-----	-----	1	-----
Pacific ¹	8,697	9,201	42,159	40,658	86,822	88,573	180,217	176,554	19,975	17,134
Washington	1,054	1,051	4,359	4,349	15,426	18,175	26,450	29,911	522	375
Oregon	571	565	2,955	2,807	9,661	8,364	16,405	15,230	1,490	1,677
California	6,907	7,409	34,022	32,661	60,400	60,650	134,800	128,847	17,963	16,082
Alaska	6	6	22	19	-----	-----	-----	-----	-----	-----
Hawaii	159	170	801	812	1,335	1,384	2,562	2,566	-----	-----

¹ Includes Alaska and Hawaii except for turkeys raised.² Rhode Island included with Massachusetts.³ West North Central includes data for North Dakota and South Dakota.⁴ South Atlantic includes data for Delaware and West Virginia.⁵ Mountain includes data for New Mexico and Wyoming.

Whole Milk—Fats and Oils

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No. 961. WHOLE MILK SOLD, BY STATES: 1954 AND 1959

[Quality in millions of pounds. For composition of regions, see fig. I, p. XII]

STATE	Farms reporting, 1959	QUANTITY		STATE	Farms reporting, 1959	QUANTITY	
		1954	1959			1954	1959
United States	770,221	1 81,832	97,606	South Atlantic—Con.			
The North	528,301	57,879	68,188	Virginia	16,612	1,090	1,519
The South	186,801	12,310	15,844	West Virginia	5,920	354	395
The West	55,119	1 11,642	13,574	North Carolina	14,480	724	956
New England	22,252	3,853	4,347	South Carolina	3,658	237	407
Maine	4,591	510	635	Georgia	5,136	564	735
New Hampshire	2,508	328	380	Florida	1,135	642	1,087
Vermont	8,689	1,505	1,769	East South Central	98,306	3,730	4,788
Massachusetts	3,200	714	724	Kentucky	38,907	1,189	1,715
Rhode Island	462	107	114	Tennessee	36,942	1,348	1,597
Connecticut	2,802	680	724	Alabama	7,391	452	535
Middle Atlantic	87,070	14,637	16,503	Mississippi	15,066	741	941
New York	43,991	8,505	9,335	West South Central	34,175	3,506	4,363
New Jersey	3,147	1,025	999	Arkansas	11,452	551	614
Pennsylvania	39,932	5,108	6,168	Louisiana	3,397	469	552
East North Central	247,814	28,787	31,128	Oklahoma	9,076	728	953
Ohio	45,861	4,128	4,923	Texas	10,250	1,758	2,244
Indiana	32,417	2,726	2,559	Mountain	27,609	3,084	3,727
Illinois	31,204	3,668	3,562	Montana	2,121	191	266
Michigan	36,943	4,147	4,456	Idaho	14,494	1,154	1,361
Wisconsin	101,389	14,118	16,227	Wyoming	760	104	101
West North Central	171,165	10,602	16,210	Colorado	3,284	541	683
Minnesota	65,254	4,903	7,746	New Mexico	713	140	178
Iowa	35,156	1,731	3,407	Arizona	572	307	366
Missouri	42,638	2,261	2,521	Utah	5,432	540	688
North Dakota	1,741	131	235	Nevada	233	57	85
South Dakota	5,383	161	495	Pacific	27,510	1 8,609	9,847
Nebraska	5,626	394	550	Washington	9,704	1,345	1,638
Kansas	15,367	1,023	1,256	Oregon	7,193	877	928
South Atlantic	54,320	5,075	6,692	California	10,435	6,387	7,158
Delaware	1,184	167	179	Alaska	98	n.e.	15
Maryland	6,195	1,247	1,413	Hawaii	80	n.a.	107

n.a. Not available. ¹ Excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II.

No. 962. FATS AND OILS—SUPPLY, DISPOSITION, AND UTILIZATION: 1940 TO 1963

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. Includes fat content of butter]

ITEM	1940	1945	1950	1955	1960	1962	1963
SUPPLY AND DISPOSITION							
Total	12,212	12,375	15,554	17,684	20,752	22,387	23,070
Production from domestic materials ¹	8,350	9,301	12,056	14,364	17,353	18,410	18,974
Imports and production from imported materials	1,651	904	1,320	1,056	1,074	1,164	1,103
Stocks, January 1 ²	2,211	2,170	2,178	2,264	2,325	2,813	2,998
Exports ^{1,3}	423	996	2,045	4,102	5,965	5,952	6,475
Domestic disappearance ⁴	9,298	9,670	11,523	11,600	12,649	13,442	13,371
UTILIZATION (DOMESTIC) ⁵							
Food uses	6,143	5,732	7,016	7,658	8,241	8,867	8,740
Butter (fat content)	1,806	1,316	1,327	1,237	1,112	1,107	1,073
Lard (direct)	1,901	1,609	1,906	1,642	1,361	1,319	1,202
Shortening	1,196	1,456	1,705	1,988	2,302	2,696	2,530
Margarine	257	499	764	1,075	1,367	1,394	1,413
Other	982	853	1,314	1,717	2,094	2,350	2,516
Nonfood uses	3,121	3,936	4,271	3,955	4,419	4,519	4,638
Soap ⁶	1,893	2,069	1,857	1,158	802	798	797
Drying oil products	807	874	1,193	1,124	833	870	841
Other industrial ⁶	421	993	1,220	1,073	2,694	2,847	3,000

¹ Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

² Beginning 1950, excludes Government strategic stockpiling of coconut, palm, castor, and sperm oils.

³ Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, American Samoa, Guam, and Virgin Island. ⁴ Beginning 1950, includes Government stockpiling.

⁵ Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

⁶ Estimated oil equivalent of soap used in synthetic rubber is included in "Other Industrial."

Source: Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 963. SELECTED ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1961 TO 1963

[In millions of pounds. Excludes Alaska and Hawaii. Beginning January 1959, significant changes were made in the monthly fats and oils surveys which affected comparability in the fats and oils series. Data cover factory operations only and, therefore, exclude considerable quantities of lard, tallow, and grease produced on farms and by local butchers and small renderers; quantities consumed and held in homes, hotels, restaurants, and bakeries; and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by, and in transit to, producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers]

PRODUCT	1961			1962			1963 (prel.)				
	Production	Consumption ¹		Stocks, Dec. 31	Production	Consumption ¹		Stocks, Dec. 31	Production		
		In re-refining	In products			In re-refining	In products				
VEGETABLE OILS											
Cottonseed, crude	1,794	1,618		157	1,938	1,694		207	1,898	1,680	160
Cottonseed, refined ²	1,506		1,328	235	1,588	1,306		323	1,573	1,147	526
Peanut, crude	97	99		3	64	65		9	99	83	19
Peanut, refined ²	95		97	4	61	66		4	79	73	11
Corn, crude	336	353		20	365	384		27	391	394	29
Corn, refined ²	322		316	11	351	322		18	363	330	36
Soybean, crude	4,442	3,734		632	4,889	4,222		529	5,058	4,165	738
Soybean, refined ²	3,593		3,465	228	4,067	4,088		205	4,009	3,820	250
Coconut, crude	499	501		303	420	571		221	348	586	173
Coconut, refined ²	463		653	16	531	691		22	555	725	23
Tall, crude	826	(4)		88	880	(4)		85	990	(4)	140
Tall, refined ²	139		814	24	145	859		35	150	924	49
Linseed, raw and boiled	426	210		90	382	247		83	399	282	70
Linseed, all other	n.a.	382		39	n.a.	378		41	n.a.	384	42
Chinawood or tung	16		38	12	28		35	17	12	32	15
Castor ²	(4)		116	535	(4)		119	38	(4)	125	224
Palm		66		523		60		14		44	37
Palm kernel, crude		62		14		61		13	60		16
Palm kernel, refined ²	54		72	1	53		58	2	52	55	3
ANIMAL FATS AND FISH OILS											
Lard ³	2,384		623	110	2,365		681	128	2,374	705	119
Tallow, edible ⁴	435		376	25	430		368	33	496	403	36
Tallow and grease, inedible ⁴	3,554		1,737	409	3,454		1,808	397	3,806	1,808	386
Fish oils ⁵	258		65	94	256		63	126	183	53	97
SECONDARY PRODUCTS											
Baking or frying fats	2,456		n.a.	123	2,089		n.a.	165	2,533	n.a.	119
Margarine	1,724		n.a.	33	1,726		n.a.	39	1,744	n.a.	36
Salad or cooking oil	2,124		n.a.	200	2,532		n.a.	273	2,293	n.a.	145
Glycerin, crude (100% basis) ⁶	279	269		31	249	250		25	296	201	18
Glycerin (100% basis) refined, all grades ⁶	269		n.a.	38	250		n.a.	33	297	n.a.	22
Fatty acids	706		n.a.	71	785		n.a.	83	839	n.a.	113

n.a. Not available.

¹ Includes hydrogenated fats and other fats and oils "in process," includes crude oils used directly in products.

² Production of refined oils includes once-refined only (alkali or caustic washed); stocks include hydrogenated oils and other "in process" oils. Figures on production of crude peanut oil collected by Dept. of Agriculture.

³ Includes stocks held by General Services Administration which were declared no longer required for strategic stockpile.

⁴ Withheld to avoid disclosing figures for individual companies.

⁵ Data are on a commercial stocks basis and exclude figures for stockpiles of strategic oils.

⁶ Production is quantity rendered; consumption and stocks include both rendered and refined. Figures on production of lard collected by Dept. of Agriculture.

⁷ Includes data for menhaden, sardine, and fish oils other than cod and cod liver; production figures collected by Fish and Wildlife Service, Dept. of the Interior.

⁸ Includes data for synthetic glycerin.

Source: Dept. of Commerce, Bureau of the Census: *Current Industrial Reports*, Series M 20K-(1-12).

Section 25

Forests and Forest Products

This section presents basic statistics on the area, ownership, and volume of timber of commercial forest land; forestry statistics covering the national forests and Forest Service cooperative programs; product statistics for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, rosin, and veneer logs; and other similar data.

The principal sources of these data are *Timber Resources for America's Future*, issued in 1958 by the Forest Service of the Department of Agriculture, and *The Demand and Price Situation for Forest Products, National Forest Areas*, and *Forest Fire Statistics*, issued annually by the Forest Service; and reports of the quinquennial Census of Manufactures and the monthly and quarterly *Current Industrial Reports*, issued by the Bureau of the Census. Additional information in this field is published in the *Annual Report of the National Forest Reservation Commission*, the *Annual Naval Stores Report* of the Department of Agriculture's Statistical Reporting Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the quarterly *National Survey of Lumber Demand and Supply* of the National Lumber Manufacturers Association.

The Bureau of the Census also collects statistics on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railroads.

The completeness and reliability of statistics on forests and forest products vary considerably. The latest data available for area of total forest land, area and ownership of commercial forest land, and annual growth and cut are for the year 1953. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those which have not been surveyed. Estimates of fire damage or causes of fires are not completely reliable, although forest fire statistics for Federal lands are considered much better than those for private lands.

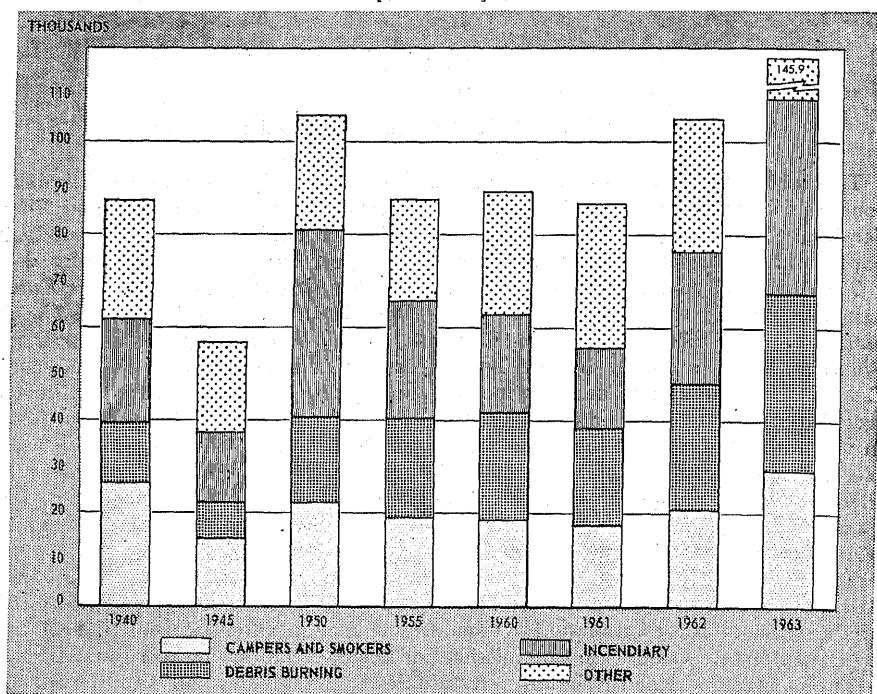
In the field of forest products, much more data are available for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., than for the primary forest products such as poles and piling, fuelwood, and fence posts.

A historical series for production, imports, exports, and consumption of forest products is included in table 1004.

Alaska and Hawaii.—Statements specifying inclusion or exclusion of figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident.

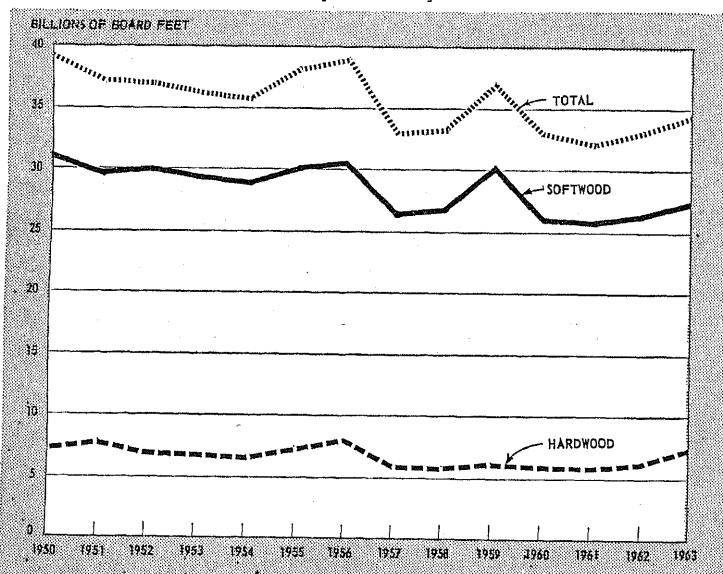
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Fig. XXXIX. FOREST FIRES—NUMBER, BY CAUSE: 1940 to 1963
 [See table 973]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Agriculture, Forest Service.

Fig. XL. LUMBER PRODUCTION: 1950 to 1963
 [See table 975]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from National Lumber Manufacturers Association.

No. 964. FOREST LAND—OWNERSHIP OF COMMERCIAL LAND AND VOLUME OF SAWTIMBER AND GROWING STOCK, BY STATES: 1953

[As of January 1]

STATE	Total forest land (1,000 acres)	COMMERCIAL FOREST LAND ¹							
		Ownership (1,000 acres)				Live sawtimber, net ² (1,000,000 bd. ft.)		Growing stock, net ³ (1,000,000 cu. ft.)	
		Total	Federal	State, county, municipal	Private	Soft- wood	Hard- wood	Soft- wood	Hard- wood
United States	772,000	530,161	498,874	427,216	4358,250	5 1,647,554	5 409,293	5 355,155	5 161,780
New England	31,378	30,658	904	837	28,917	27,169	24,356	9,957	14,388
Connecticut	1,990	1,973	1	154	1,818	263	1,596	168	1,146
Maine	17,088	16,601	90	92	16,419	16,898	11,328	5,850	6,751
Massachusetts	3,288	3,250	29	370	2,860	1,299	1,360	631	1,240
New Hampshire	4,848	4,682	585	97	4,000	5,527	4,542	2,065	2,387
Rhode Island	434	430	(*)	26	404	29	136	15	146
Vermont	3,730	3,713	199	98	3,416	3,153	5,394	1,238	2,718
Middle Atlantic	44,894	42,225	1,541	3,973	36,711	13,328	61,023	5,390	29,093
Delaware	454	448	1	12	435	518	716	217	247
Maryland	2,920	2,897	54	160	2,683	1,526	5,245	806	2,093
New Jersey	1,958	1,910	1	180	1,729	351	1,309	197	755
New York	14,450	12,002	98	797	11,107	6,517	20,366	2,544	9,131
Pennsylvania	15,205	15,108	492	2,737	11,879	2,881	16,425	1,020	9,609
West Virginia	9,907	9,860	895	87	8,778	1,535	16,962	608	7,258
Lake	55,201	52,272	7,540	13,899	31,833	14,355	35,435	6,543	18,675
Michigan	19,322	18,849	2,482	3,905	12,462	5,469	15,672	2,278	7,634
Minnesota	19,344	18,098	3,055	7,103	7,940	5,039	7,499	2,820	4,406
Wisconsin	16,635	16,325	2,003	2,891	11,431	3,847	12,264	1,436	6,635
Central	42,726	42,394	2,632	555	39,204	3,420	79,251	1,042	23,582
Illinois	3,903	3,938	216	10	3,712	44	11,660	14	3,036
Indiana	4,103	4,045	172	111	3,762	54	11,617	26	3,015
Iowa	2,510	2,505	23	19	2,463	-----	4,119	1	1,182
Kentucky	11,497	11,446	672	53	10,721	2,167	25,175	571	7,268
Missouri	15,177	15,064	1,461	156	13,447	809	12,386	334	5,169
Ohio	5,446	5,396	88	209	5,099	346	14,304	96	3,917
Plains	24,661	5,492	477	65	4,950	670	7,007	214	2,614
Kansas	1,668	1,664	1	1	1,663	6	3,365	8	946
Nebraska	1,482	1,480	37	24	1,419	187	1,066	65	397
North Dakota	433	414	149	10	255	-----	653	1	250
Oklahoma (West)	4,302	650	-----	10	640	-----	880	(?)	337
S. Dak. (East)	776	684	290	21	373	107	683	55	546
Texas (West)	16,000	600	600	600	370	360	360	85	138
South Atlantic	47,288	46,152	3,484	532	42,136	51,144	55,714	14,877	18,881
North Carolina	19,513	18,976	1,304	279	17,393	22,459	21,693	6,379	7,263
South Carolina	11,943	11,891	768	153	10,975	18,876	13,423	5,288	4,325
Virginia	15,832	15,285	1,417	100	13,768	9,809	20,598	3,210	7,293
Southeast	96,906	94,985	6,237	1,552	87,196	76,833	62,469	23,501	24,454
Alabama	20,771	20,756	799	177	19,790	21,029	16,282	5,616	6,097
Florida	23,047	21,519	1,813	438	19,268	18,064	4,968	5,942	2,210
Georgia	24,057	23,960	1,557	125	22,287	23,112	13,808	7,773	4,919
Mississippi	16,473	16,440	1,245	473	14,722	11,138	14,651	3,288	6,340
Tennessee	12,558	12,301	833	339	11,129	2,590	12,760	882	4,888
West Gulf	53,071	52,151	4,475	399	47,277	54,956	55,952	12,689	19,299
Arkansas	19,346	19,292	2,802	108	16,382	17,777	20,540	4,318	7,444
Louisiana	15,990	15,899	667	181	15,051	18,208	23,228	3,927	7,272
Oklahoma (East)	6,027	5,257	270	79	4,908	2,230	3,350	589	1,200
Texas (East)	11,708	11,703	736	31	10,936	10,741	8,834	3,864	3,388
Pacific Northwest	54,129	45,366	22,560	3,141	19,574	731,433	17,443	140,581	5,613
Oregon	30,261	25,875	15,067	1,040	9,768	424,721	9,088	78,298	2,675
Washington	23,868	19,490	7,583	2,101	9,806	306,712	8,355	62,283	2,938
California	42,541	17,317	9,070	194	8,053	354,024	5,977	63,664	3,047
No. Rocky Mountain	55,261	33,840	23,738	1,643	8,459	165,682	1,340	42,290	473
Idaho	21,025	13,372	9,579	826	2,967	98,809	206	21,139	107
Montana	22,330	15,727	10,187	683	4,857	55,075	695	15,895	248
S. Dak. (West)	1,393	1,266	980	63	223	3,167	-----	1,287	-----
Wyoming	10,513	3,475	2,992	71	412	11,631	439	3,969	118
So. Rocky Mountain	89,630	20,489	16,126	423	3,940	65,589	3,219	15,934	1,638
Arizona	19,212	3,180	3,021	34	125	19,817	171	3,624	76
Colorado	20,834	8,451	6,668	170	1,613	23,777	1,617	7,470	567
Nevada	12,036	109	32	-----	77	565	7	126	25
New Mexico	21,329	5,735	3,839	163	1,733	14,088	1,016	3,136	547
Utah	16,219	3,014	2,566	56	392	7,392	408	1,578	423
Coastal Alaska	12,314	5,301	n.a.	n.a.	n.a.	88,951	107	15,473	23
Interior Alaska	120,000	40,000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Hawaii	2,000	520	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

n.a. Not available.

¹ Comprises all land which, in 1953, was producing, or physically capable of producing, usable crops of wood; economically available then or prospectively; and not withdrawn from timber utilization.

² Comprises all trees (except cult trees) which contain at least 1 merchantable sawlog as defined by regional practice, and which have the following minimum diameter at breast height: Eastern region softwoods, 9 inches; Eastern region hardwoods and all species of Western region, 11 inches.

³ Comprises all trees of commercial species which meet regional specifications for soundness and form, and which have a minimum diameter of 5 inches at breast height.

⁴ Excludes Alaska and Hawaii. ⁵ Excludes Hawaii. ⁶ Less than 500 acres. ⁷ Less than one-half million.

Source: Dept. of Agriculture, Forest Service: *Timber Resources for America's Future*, and unpublished data.

No. 965. LIVE SAWTIMBER—VOLUME, BY SPECIES, FOR REGIONS: 1953

[In millions of board feet (log scale, International $\frac{1}{4}$ -inch rule). As of January 1. For States represented in regions shown, see table 964.]

SPECIES GROUP	Total North and South	THE NORTH					THE SOUTH		
		New Eng- land	Middle Atlan- tic	Lake	Central	Plains	South Atlan- tic	South- east	West Gulf
Eastern species	623,082	51,525	74,351	49,790	82,671	1 7,677	106,858	139,302	110,908
Softwoods	241,875	27,169	13,328	14,355	3,420	1 670	51,144	76,833	54,956
White and red pine	17,330	7,602	3,577	5,015	68	-----	737	331	-----
Jack pine	2,104	1	20	2,083	-----	-----	-----	-----	-----
Longleaf and slash pine	36,638	-----	-----	-----	-----	-----	3,184	31,083	2,371
Shortleaf and loblolly pine	124,744	-----	1,725	-----	1,897	870	36,968	35,078	48,706
Other pines	12,251	41	1,555	580	-----	-----	6,148	3,625	302
Spruce and balsam fir	19,084	14,440	1,937	2,697	-----	-----	10	-----	-----
Hemlock	12,333	3,749	4,012	2,735	432	-----	1,113	292	-----
Cypress	12,682	-----	-----	-----	280	(2)	2,761	6,097	3,544
Other	4,709	1,336	502	1,825	163	1 300	223	327	33
Hardwoods	381,207	24,356	61,023	35,425	79,251	7,007	55,714	62,469	55,952
White oak ¹	35,432	423	6,863	1,965	11,204	7	5,664	5,125	4,091
Other white oak	27,342	39	2,126	784	7,423	472	5,325	4,731	6,442
Red oak ²	31,023	1,709	10,178	5,600	5,894	173	2,576	2,553	2,340
Other red oak	52,592	347	3,166	1,145	14,565	649	8,630	12,536	11,554
Yellow birch	11,701	5,824	3,924	1,890	9	-----	25	11	18
Sugar maple	22,929	6,315	7,289	6,080	2,833	-----	141	217	54
Soft maple	13,913	1,098	4,304	2,047	2,704	42	2,183	1,088	447
Beech	15,888	2,055	6,174	1,068	3,850	-----	772	1,211	758
Sweetgum	25,750	-----	883	-----	910	160	6,927	8,299	8,571
Tupelo and blackgum	24,563	3	654	-----	1,017	82	8,874	8,373	5,560
Ash	11,027	355	1,655	1,425	2,477	385	1,334	1,307	2,089
Hickory	23,896	93	2,046	150	6,688	55	3,535	6,111	5,218
Cottonwood and aspen	9,376	348	309	3,958	1,617	1,682	88	558	816
Basswood	6,763	112	2,026	2,759	1,271	130	192	235	38
Yellow poplar	16,370	107	3,035	-----	3,640	-----	5,675	3,845	59
Black walnut	2,109	-----	83	27	1,408	169	162	206	54
Other	50,533	5,528	6,308	6,537	11,642	3,001	3,611	6,063	7,843
THE WEST									
SPECIES GROUP	Total	Pacific Northwest			Califor- nia	North- ern Rocky Moun- tain	South- ern Rocky Moun- tain	Coastal Alaska	
		Total	Douglas- fir sub- region	Pine sub- region					
Western species	1,344,707	748,876	594,375	154,501	360,001	167,022	68,808	89,058	
Softwoods	1,316,728	731,433	577,116	154,317	354,024	165,682	65,589	88,951	
Douglas fir	531,868	365,912	337,251	28,661	116,912	43,220	5,824	-----	
Ponderosa and Jeffrey pine	522,209	92,232	5,900	86,332	66,741	33,061	32,175	4,497	
True firs	183,705	73,508	58,428	15,080	88,717	16,983	2,284	-----	54,308
Western hemlock	117,497	114,735	112,065	2,670	478	2,384	-----	7	
Sugar pine	35,121	7,737	7,418	319	27,384	-----	-----	-----	
Western white pine	21,883	4,771	3,244	1,527	2,131	14,474	7	-----	
Redwood	36,214	90	90	-----	36,124	-----	-----	-----	
Sitka spruce	9,293	9,123	9,123	-----	170	-----	-----	26,595	
Engelmann and other spruces	36,962	3,371	410	2,961	-----	17,737	15,854	173	
Western larch	28,019	10,348	210	10,138	-----	17,671	-----	-----	
Western red cedar	31,654	25,198	27,575	623	2	3,454	-----	4,641	
California incense cedar	13,296	3,557	3,321	236	9,727	-----	12	75	
Lodgepole pine	30,051	3,553	334	3,219	3,807	15,891	6,800	420	3,069
Other softwoods	17,456	14,298	11,747	2,551	1,831	907	-----	-----	
Hardwoods	27,979	17,443	17,259	184	5,977	1,340	3,219	107	

¹ Includes 294 million board feet of ponderosa pine.

² Less than one-half million.

³ *Quercus alba* and *Quercus prinus*.

⁴ *Quercus borealis*, *Quercus falcata* var. *pagodaefolia*, and *Quercus shumardii*.

⁵ Excludes ponderosa pine in the Plains region.

Source: Dept. of Agriculture, Forest Service; *Timber Resources for America's Future*.

No. 966. NATIONAL FOREST AREAS AND PURCHASES: 1940 TO 1963

[National forest area data are as of June 30, and include Alaska and Puerto Rico. Forest reservation purchases are for years ending June 30, and include Puerto Rico. Lands to be purchased must be approved by National Forest Reservation Commission, which also sets prices at which such lands may be acquired. Actual purchases are made by Department of Agriculture. See also *Historical Statistics, Colonial Times to 1957*, series L 1-5]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
AREAS¹								
Gross area within established boundaries.....	228	229	236	227	227	226	226	226
Under Forest Service administration.....	177	181	188	186	186	186	186	186
PURCHASES								
Gross area approved for purchase acres..	553,077	61,078	18,665	8,716	7,845	10,355	22,556	24,698
Average price per acre.....	\$3.98	\$8.71	\$10.30	\$25.67	\$14.76	\$22.75	\$42.74	\$72.69
Total price.....	\$1,000.	2,203	532	192	224	114	236	964
Purchase completed.....	acres	659,572	96,963	12,063	13,111	7,547	10,395	12,001
Average price per acre.....	\$4.14	\$7.28	\$12.23	\$63.75	\$31.21	\$14.57	\$34.72	\$90.23
Total price.....	\$1,000.	2,733	706	148	705	237	377	1,083

¹ See headnote, table 968.

Source: Dept. of Agriculture, Forest Service; annual report, *National Forest Areas*, and National Forest Reservation Commission; *Annual Report*.

No. 967. NATIONAL FOREST LAND PURCHASES—STATES AND PUERTO RICO:
CUMULATIVE TO JUNE 30, 1963

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts. See headnote, table 966]

STATE OR OTHER AREA	Gross area ¹ (1,000 acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres (1,000)	Average price per acre	Total price (\$1,000)	Acres (1,000)	Average price per acre	Total price (\$1,000)
Total.....	54,726	18,981	\$4.10	77,916	18,943	\$4.03	76,360
Alabama.....	1,252	504	3.67	1,851	504	3.67	1,851
Arkansas.....	3,419	1,210	3.13	3,782	1,204	3.04	3,661
California.....	2,884	153	8.89	1,358	153	8.89	1,358
Florida.....	1,223	783	3.21	2,513	783	3.16	2,473
Georgia.....	1,535	602	4.96	2,987	602	4.96	2,987
Idaho.....	727	37	3.56	131	37	3.56	131
Illinois.....	684	198	6.59	1,305	198	6.43	1,271
Indiana.....	722	115	7.65	884	113	7.44	845
Iowa.....	5	5	9.11	43	5	9.11	43
Kentucky.....	1,412	460	4.11	1,801	450	4.11	1,886
Louisiana.....	987	552	2.99	1,651	552	2.99	1,651
Maine.....	93	50	6.60	327	50	6.60	327
Michigan.....	4,713	1,899	3.20	6,074	1,807	3.18	6,032
Minnesota.....	5,042	1,608	4.61	7,418	1,604	4.10	6,576
Mississippi.....	2,090	1,005	3.55	3,594	1,005	3.55	3,564
Missouri.....	3,008	1,329	2.42	3,218	1,325	2.34	3,102
Nevada.....	8,835	19	9.50	183	19	9.50	183
New Hampshire.....	803	676	7.76	5,246	675	7.77	5,244
New Mexico.....	93	21	1.92	40	21	1.92	40
North Carolina.....	3,163	1,036	5.20	5,884	1,036	5.19	5,884
North Dakota.....	1	(2) ²	10.00	5	(2) ²	10.00	5
Ohio.....	1,455	109	7.73	846	107	7.58	814
Oklahoma.....	256	181	1.85	335	181	1.85	335
Oregon.....	70	52	17.03	894	52	17.03	894
Pennsylvania.....	713	472	6.34	2,994	470	6.27	2,948
South Carolina.....	1,374	563	6.23	3,507	563	6.23	3,505
Tennessee.....	1,212	566	4.56	2,577	563	4.48	2,523
Texas.....	1,182	653	4.62	3,017	653	4.62	3,017
Utah.....	2,969	149	4.24	633	142	3.79	537
Vermont.....	629	229	9.29	2,126	228	9.20	2,121
Virginia.....	3,221	1,458	3.32	4,837	1,455	3.30	4,799
West Virginia.....	1,825	906	3.42	3,104	904	3.41	3,082
Wisconsin.....	1,974	1,368	2.19	2,995	1,367	2.18	2,974
Puerto Rico.....	186	14	13.04	196	14	13.04	196

¹ See headnote, table 968.

² Less than 500 acres.

Source: National Forest Reservation Commission; *Annual Report*.

No. 968. NATIONAL FOREST AND OTHER AREAS—STATES AND PUERTO RICO: 1963

[In thousands of acres. As of June 30. Gross area comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, experimental areas, and land utilization projects. See *Historical Statistics, Colonial Times to 1957*, series L 1-2, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration	STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration
Total	225,584	186,316	39,268	Nebraska	431	340	91
Alabama	1,271	632	639	Nevada	5,379	5,060	319
Alaska	20,777	20,742	35	New Hampshire	805	678	127
Arizona	12,104	11,413	692	New Mexico	10,115	9,048	1,068
Arkansas	3,650	2,420	1,230	New York	14	14	
California	24,203	19,980	4,223	North Carolina	3,164	1,127	2,037
Colorado	15,853	14,332	1,521	North Dakota	1,105		
Florida	1,225	1,075	150	Ohio	1,455	112	1,343
Georgia	1,912	737	1,125	Oklahoma	457	271	186
Idaho	21,628	20,347	1,282	Oregon	17,292	15,462	1,829
Illinois	634	213	471	Pennsylvania	713	473	
Indiana	726	128	597	South Carolina	1,374	587	787
Iowa	5	5		South Dakota	2,272	1,080	284
Kansas	107	107		Tennessee	1,213	601	612
Kentucky	1,412	461	951	Texas	1,834	775	1,059
Louisiana	1,013	592	421	Utah	9,077	7,936	1,140
Maine	94	50	44	Vermont	629	232	397
Massachusetts	2	2		Virginia	3,226	1,459	1,767
Michigan	4,737	2,584	2,153	Washington	10,742	9,098	1,044
Minnesota	5,042	2,787	2,255	West Virginia	1,825	906	919
Mississippi	2,312	1,134	1,177	Wisconsin	1,975	1,469	506
Missouri	8,021	1,376	1,645	Wyoming	9,598	9,144	454
Montana	19,056	16,636	2,421	Puerto Rico	56	28	28

Source: Dept. of Agriculture, Forest Service; annual report, *National Forest Areas*.

No. 969. PAYMENTS TO STATES AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1950 TO 1964

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts collected during the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests under Act of May 23, 1908, exclusive of (a) payments to Arizona and New Mexico on account school-section lands administered by Forest Service, (b) payments for acquisition of land, and (c) payments to Minnesota of 34 percent of the appraised valuation of an area of the Superior National Forest, in lieu of 25 percent of the receipts from it]

STATE OR OTHER AREA	1950	1960	1963	1964	STATE OR OTHER AREA	1950	1960	1963	1964
Total	7,753	29,669	27,235	29,994	Nebraska	12	15	19	19
Alabama	90	320	214	203	Nevada	39	56	41	40
Alaska	5	1,158	1,172	213	New Hampshire	23	56	74	63
Arizona	244	457	380	412	New Mexico	124	255	132	161
Arkansas	375	940	712	771	North Carolina	85	233	143	153
California	1,146	3,980	3,141	3,820	North Dakota	(2)	(2)	(2)	(2)
Colorado	218	428	195	237	Ohio	3	6	6	7
Florida	66	226	237	267	Oklahoma	40	103	97	102
Georgia	81	237	258	246	Oregon	2,045	11,207	12,092	13,045
Idaho	418	1,281	1,063	1,125	Pennsylvania	14	114	192	200
Illinois	17	12	15	16	South Carolina	100	443	502	343
Indiana	2	5	6	6	South Dakota	57	114	40	36
Iowa	(2)	(2)	(2)	(2)	Tennessee	40	192	91	85
Kentucky	25	67	71	50	Texas	263	630	318	319
Louisiana	101	298	208	240	Utah	129	150	120	148
Maine	6	4	6	4	Vermont	26	33	70	57
Michigan	65	171	146	205	Virginia	33	66	61	83
Minnesota	68	141	129	128	Washington	1,108	5,243	4,367	5,119
Mississippi	197	670	717	704	West Virginia	29	116	110	147
Missouri	25	58	65	58	Wisconsin	66	88	92	96
Montana	251	888	865	933	Wyoming	109	211	118	117
Puerto Rico					Puerto Rico	3	2	2	2

¹ Includes 25 percent of Tongass (Alaska) suspense account receipts as follows: For 1960, \$146,986; 1963, \$158,465; and 1964, \$205,207.

² Less than \$500.

Source: Dept. of Agriculture, Forest Service; unpublished data.

No. 970. FOREST TREE DISTRIBUTION PROGRAM AND COSTS: 1930 TO 1963

[For years ending June 30, except calendar-year data for trees distributed, 1930 to 1948. Includes Hawaii and Puerto Rico]

YEAR	Trees distributed (1,000)	COSTS (\$1,000)			YEAR	Trees distributed (1,000)	(COSTS \$1,000)		
		Total	Federal contribution ¹	State expenditure			Total	Federal contribution ¹	State expenditure
1930	25,836	403	81	322	1954	465,639	4,029	383	3,646
1935	26,150	206	55	151	1955	496,571	3,929	372	3,557
1940	57,468	482	98	384	1956	560,456	4,770	429	4,341
1945	37,743	572	114	458	1957	712,272	5,769	820	4,949
1948	77,324	1,178	113	1,065	1958	764,364	7,365	1,131	6,234
1949	102,903	1,406	113	1,293	1959	945,464	6,949	658	6,291
1950	136,395	1,503	189	1,314	1960	844,599	6,573	186	6,337
1951	291,875	3,021	377	2,644	1961	774,159	7,135	104	6,941
1952	209,665	3,558	376	3,282	1962	679,968	6,748	165	6,553
1953	434,982	3,988	386	3,602	1963	587,647	6,543	234	6,309

¹ Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Source: Dept. of Agriculture, Forest Service; unpublished data.

No. 971. NATIONAL FORESTS—SUMMARY: 1940 TO 1963

[Money figures in thousands of dollars. For years ending June 30, except as noted. Includes Alaska and Puerto Rico, except as noted. See *Historical Statistics, Colonial Times to 1957*, series J 41-42 for similar but not exactly comparable data, and L 7-22]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
Livestock grazing: ^{1,2}								
Cattle, horses, and swine ³	1,000	1,314	1,128	1,148	1,117	1,307	1,293	1,307
Sheep and goats ³	1,000	4,968	3,013	2,830	2,565	2,574	2,491	2,367
Roads and trails:								
Road construction—miles	4,1709	213	767	571	477	377	305	548
Road reconstruction—miles	4,945	240	650	650	374	317	306	602
Trail construction and reconstr.—miles	2,221	828	184	229	142	230	181	336
Expenditures (main't. and constr.)	423,611	15,036	20,413	36,367	43,151	45,012	47,430	60,601
Timber cut, total value	5,168	81,140	71,231	114,579	157,094	125,170	129,654	135,173
Commercial and cost sales:								
Volume	1,000,000 bd. ft.	1,371	3,195	6,225	8,262	9,302	8,308	8,946
Value		3,825	29,084	70,105	113,509	156,132	123,957	128,514
Land exchanges:								
Volume	1,000,000 bd. ft.	369	307	103	79	65	73	86
Value		982	1,630	656	387	292	495	392
Free use:								
Volume	1,000,000 bd. ft.	326	121	106	184	123	150	149
Value ⁴		304	215	204	316	216	241	226
Misc. forest products, value		57	211	266	366	454	477	522
Receipts, total ⁵	5,859	84,485	79,521	121,535	146,348	104,422	112,661	124,512
Timber use ⁷	3,943	30,269	75,044	115,194	139,903	98,425	106,159	117,388
Grazing use	1,463	3,385	2,953	3,752	3,665	3,269	3,196	3,386
Special land use, water power, etc.	453	831	1,524	2,589	2,780	2,728	3,306	3,738
Payments to States and Puerto Rico ⁸	1,456	8,479	19,573	29,904	35,672	25,279	27,441	30,225
25-percent fund	1,433	8,363	19,413	29,522	35,222	24,857	27,077	29,789
Ariz. and N. Mex. school fund	23	72	114	114	140	99	80	100
Minnesota		44	46	121	123	124	125	131
Alaska (Tongass suspense account) ⁹								205
Allotments to Forest Service ¹⁰	678	3,484	7,776	11,880	14,176	10,034	10,930	12,061
Roads and trails (10 percent)	573	3,346	7,766	11,870	14,166	10,024	10,900	12,001
Acquisition of lands	105	138	10	10	10	10	30	60

¹ Number permitted to graze. Beginning 1960, figures include national grasslands and land utilization project lands. Calendar-year data.

² Excludes Puerto Rico. ³ Excludes animals under 6 months of age.

⁴ Includes forest highway construction.

⁵ Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930.

⁶ Includes some free use not reducible to board feet.

⁷ Beginning 1950, includes Oregon, California railroad grant lands, and Tongass (Alaska), national forest lands.

⁸ Payments made in following year. See headnote, table 969. ⁹ Total for 1948 through 1956 was \$697,133.

¹⁰ For use in following year.

Source: Dept. of Agriculture, Forest Service; unpublished data.

Forests and Forest Products

No. 972. FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL AND ON STATE AND PRIVATE FOREST LANDS: 1940 TO 1963

[Area in thousands of acres. For years ending December 31. See also *Historical Statistics, Colonial Times to 1957*, series L 100-105]

YEAR	FEDERAL LANDS, PROTECTED AREA ¹			STATE AND PRIVATE FORESTS ²					
	Forest area	Number of fires	Area burned over	On protected area			On unprotected area		
				Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1940-----	153,723	14,076	482	281,706	73,527	2,924	146,748	107,824	22,432
1945-----	213,210	8,530	445	302,042	48,176	2,456	126,959	68,013	14,780
1950-----	212,622	8,418	391	360,664	96,578	3,407	66,130	103,404	11,720
1951-----	212,502	8,638	471	363,414	97,230	3,055	63,280	58,222	7,255
1952-----	212,518	9,634	281	368,692	118,363	6,347	60,002	60,280	7,559
1953-----	212,394	10,149	318	373,826	94,446	2,534	52,868	49,565	7,124
1954-----	217,850	8,592	176	382,387	118,681	2,787	48,722	49,614	5,830
1955-----	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1956-----	217,108	11,341	372	389,924	82,997	1,613	41,185	49,147	4,621
1957-----	217,518	6,219	188	395,864	50,483	1,099	38,906	17,690	2,123
1958-----	215,828	12,942	288	398,306	67,366	1,173	36,404	17,602	1,819
1959-----	360,346	8,935	897	400,679	77,802	1,681	34,091	17,925	1,577
1960-----	362,826	12,090	622	402,800	77,537	1,909	32,030	13,760	1,947
1961-----	323,861	14,122	303	412,008	72,247	1,125	30,300	12,148	1,608
1962-----	356,333	10,421	270	418,483	94,487	1,645	24,447	10,437	2,163
1963-----	368,999	11,493	209	431,334	134,427	3,108	21,767	18,263	8,804

¹ Beginning 1952, includes Hawaii, and 1950, Alaska; comprises national forests, public domain, land administered by Dept. of Interior, Soil Conservation Service, TVA, etc.

² Includes Hawaii; beginning 1960, includes Alaska. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates.

Source: Dept. of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

No. 973. FOREST FIRES—NUMBER OF FIRES, BY CAUSE, AND EXPENDITURES FOR CONTROL OF FIRES ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1940 TO 1963

[Includes Hawaii; includes Alaska for number and cause of fires beginning 1950, and for expenditures beginning 1961. See *Historical Statistics, Colonial Times to 1957*, series L 106-109, for expenditures.]

ITEM	1940	1950	1955	1959	1960	1961	1962	1963
NUMBER AND CAUSE OF FIRES¹								
Total-----	87,603	105,182	87,688	86,737	89,627	86,369	104,908	145,920
Lightning-----	10,913	6,518	6,282	7,244	11,068	14,858	10,596	11,565
Railroads-----	3,331	3,881	2,582	3,025	3,918	3,371	(2)	(2)
Campers-----	4,956	8,802	3,924	3,034	3,614	3,238	3,304	4,218
Smokers-----	21,066	18,287	15,882	14,330	16,030	14,328	17,766	24,521
Debris burning-----	13,307	18,768	20,338	26,249	21,870	20,393	26,378	33,756
Incendiary-----	22,701	40,127	25,775	21,876	21,162	17,359	20,180	41,429
Lumbering-----	1,403	1,837	2,491	1,390	1,947	1,413	(2)	(2)
Misc. and unknown-----	9,926	11,962	10,414	9,589	10,018	11,409	17,684	25,431
EXPENDITURES (\$1,000)²								
Total-----	9,188	28,934	39,216	54,385	56,641	59,813	64,314	65,823
Federal-----	1,988	8,551	8,945	9,401	9,401	9,384	11,675	11,632
State and county-----	5,155	18,121	28,168	43,071	45,059	48,511	51,194	52,586
Private agencies-----	2,045	2,262	2,103	1,913	2,181	1,918	1,445	1,610

¹ Includes fires on protected forest land only.

² Included in miscellaneous.

³ For years ending June 30.

Source: Dept. of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

Lumber Production

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No. 974. LUMBER PRODUCTION, BY KIND OF WOOD: 1950 TO 1962

[In millions of board feet. Beginning 1961, includes Alaska. Excludes Hawaii; production negligible. Based on sample surveys; see source for sampling reliability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-60]

KIND OF WOOD	1950	1955	1956	1957	1958	1959	1960	1961	1962
Total.....	38,007	37,380	38,199	32,901	33,385	37,166	32,926	32,019	33,174
Softwoods.....	30,633	29,815	30,231	27,100	27,379	30,509	26,672	26,066	26,812
Cedar.....	1,313	(2)	(2)	(2)	1,507	(2)	(2)	561	603
Cypress.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Douglas fir.....	9,984	10,414	10,195	9,094	9,329	10,265	8,832	8,378	8,504
Hemlock.....	1,508	1,568	1,322	1,242	1,386	1,658	2,032	2,031	2,270
Larch.....	246	346	393	456	541	672	418	441	443
Ponderosa pine.....	3,865	3,663	3,563	3,038	3,233	3,374	3,189	3,127	3,275
Redwood.....	875	991	1,125	953	917	1,221	1,000	1,011	1,024
Southern yellow pine.....	9,939	7,360	7,740	6,568	6,420	6,716	5,660	5,622	5,733
Spruce.....	(3)	(2)	(2)	4,683	4,563	(2)	4,471	4,553	4,553
Sugar pine.....	425	390	449	(2)	385	432	408	392	413
White fir.....	1,114	2,059	1,954	2,013	2,475	2,888	2,224	2,216	2,234
White pine.....	1,292	1,105	1,110	(2)	(2)	(2)	(2)	(2)	(2)
Other softwoods.....	1,072	777	961	996	871	1,127	675	606	589
Hardwoods.....	7,734	7,565	7,968	5,801	6,006	6,657	6,254	5,953	6,362
Ash.....	81	125	139	97	114	142	125	103	105
Basswood.....	(6)	119	123	93	101	101	92	63	66
Beech.....	325	226	252	230	198	190	195	166	169
Birch.....	137	144	170	(3)	159	145	126	103	89
Cottonwood?	225	327	230	173	176	149	206	167	178
Elm.....	(6)	198	196	151	160	162	195	181	186
Hickory.....	128	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Maple.....	546	568	593	487	572	450	602	526	523
Oak.....	3,347	3,716	3,928	2,796	2,882	3,369	2,789	2,817	3,068
Sweet (red and sap) gum.....	758	529	516	346	412	432	331	316	328
Tupelo and black gum.....	342	364	363	287	347	294	292	281	268
Yellow poplar.....	833	690	752	539	615	655	592	541	619
Other hardwoods.....	652	559	706	446	270	508	593	564	620

¹ Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

² Suppressed; standard error more than 15 percent.

³ Included in "Other softwoods." ⁴ Engelmann and sitka.

⁵ Includes estimate for western hardwoods, not reported by species.

⁶ Included in "Other hardwoods." ⁷ Includes aspen.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

No. 975. LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS: 1950 TO 1963

[In millions of board feet. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series L 23-35, for series from Bureau of the Census and Forest Service]

ITEM	1950	1955	1959	1960	1961	1962 (prel.)	1963 (prel.)
Production ¹	38,902	37,858	37,166	32,926	32,019	33,174	34,586
Softwoods.....	31,528	30,293	30,509	26,672	26,066	26,812	27,611
Hardwoods.....	7,374	7,565	6,657	6,254	5,953	6,362	6,975
Domestic consumption ²	41,627	41,088	39,962	35,226	36,296	37,539	38,896
Softwoods.....	34,277	32,830	33,473	28,974	29,775	31,053	31,950
Hardwoods.....	7,350	8,258	6,480	6,252	6,521	6,486	6,946
Gross mill stocks, end of year.....	6,183	8,660	6,697	7,352	6,861	6,598	6,541
Softwoods.....	4,207	5,386	4,724	5,285	5,178	4,851	4,570
Hardwoods.....	1,976	3,283	1,973	2,067	1,683	1,747	1,971
Ratio of total mill stocks to total consumption, percent.....	15	21	17	21	19	18	17
Softwoods.....	12	16	14	18	17	16	14
Hardwoods.....	27	40	30	33	26	27	28
Exports ³	518	844	788	861	755	760	875
Softwoods.....	407	652	605	688	596	621	740
Hardwoods.....	111	189	183	173	159	139	135
Imports ³	3,432	3,597	4,068	3,922	4,248	4,882	5,375
Softwoods.....	3,140	3,327	3,742	3,631	4,004	4,571	5,059
Hardwoods.....	283	266	326	291	244	311	316

¹ Beginning 1961, includes Alaska. ² Represents shipments and net imports.

³ Includes box shooks and railroad ties (sawed).

Source: National Lumber Manufacturers Association, Washington, D.C.; quarterly report of Lumber Survey Committee to the Secretary of Commerce, *National Survey of Lumber Demand and Supply*, and unpublished data.

Forests and Forest Products

No. 976. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISIONS: 1960 TO 1962

[In millions of board feet. Data shown for all divisions except the Mountain and Pacific are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See figure I, p. XII, for States comprising geographic divisions. See *Historical Statistics, Colonial Times to 1957*, series L 36-44, for data by regions]

GEOGRAPHIC DIVISION	1960			1961			1962		
	Production	Per-cent	Stand-ard error ¹ (per-cent)	Production	Per-cent	Stand-ard error ¹ (per-cent)	Production	Per-cent	Stand-ard error ¹ (per-cent)
United States ²	32,926	100.0	.....	32,019	100.0	.....	33,174	100.0	.....
New England.....	759	2.3	.....	687	2.1	.....	672	2.0	.....
Middle Atlantic.....	693	2.1	10.0	695	2.2	10.0	730	2.2	10.0
East North Central.....	979	3.0	.....	935	2.9	.....	956	2.9	.....
West North Central.....	(4)	.....	.....	502	1.6	15.0	528	1.6	15.0
South Atlantic.....	4,598	14.0	.....	4,534	14.2	.....	4,588	13.8	.....
East South Central.....	2,967	9.0	.....	2,804	8.9	.....	2,971	9.0	.....
West South Central.....	2,691	8.2	.....	2,616	8.2	.....	2,849	8.6	.....
Mountain.....	3,883	10.3	.....	3,441	10.7	.....	3,621	10.9	.....
Pacific ³	16,257	49.4	.....	15,745	49.2	.....	16,250	49.0	.....

¹ See Technical Note, p. 769, for explanation of standard error.

² Excludes Hawaii; beginning 1961, includes Alaska.

³ Suppressed; standard error more than 15 percent.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

No. 977. LUMBER—ESTABLISHMENTS AND PRODUCTION, BY PRODUCTION-SIZE CLASSES: 1959 TO 1962

[Production in millions of board feet, lumber tally. Excludes Hawaii; beginning 1961, includes Alaska. Based on sample surveys; see source for sampling variability]

SIZE CLASS (in 1,000 bd. ft. of production)	NUMBER OF ESTABLISHMENTS				PRODUCTION				
	1959	1960	1961	1962	1959	1960	1961	1962	
Total.....	34,113	¹ 33,343	² 33,254	² 32,916	37,166	32,926	32,019	33,174	
Less than 999.....	28,562	³ 29,017	² 29,175	² 28,835	² 4,575	² 4,343	4,281	4,280	
1,000 to 2,999.....	(4)	2,588	2,428	2,446	¹ 5,213	4,496	4,199	4,265	
3,000 to 4,999.....	1,727	566	514	470	(4)	2,212	2,075	1,913	
5,000 to 9,999.....	1,562	532	517	508	1,3,697	3,796	3,719	3,922	
10,000 to 14,999.....	² 838	² 239	205	211	² 2,610	3,000	2,676	2,746	
15,000 to 24,999.....	2,231	166	180	192	² 4,529	3,219	3,624	3,886	
25,000 to 49,999.....	² 205	169	167	180	² 7,236	6,057	5,847	6,163	
50,000 and over.....	89	66	68	74	6,870	5,833	5,508	6,020	

¹ Standard error of estimate of more than 10 percent but not exceeding 15 percent.

² Standard error of estimate of more than 5 percent but not exceeding 10 percent.

³ Standard error of estimate is 16 percent.

⁴ Suppressed; standard error of estimate over 15 percent.

Source: Dept. of Commerce, Bureau of the Census. Published currently in *Current Industrial Reports*, Series M24T.

No. 978. PRODUCTION, NET IMPORTS, AND NEW SUPPLY OF INDUSTRIAL TIMBER PRODUCTS FROM ROUNDWOOD: 1940 TO 1963

[In millions of cubic feet. Excludes Alaska and Hawaii, except as noted. Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72-84]

ITEM	1940	1950	1957	1958	1959	1960	1961	1962	1963 (prel.)
Total:									
Domestic production	6,975	8,520	8,535	8,410	9,265	8,765	8,625	8,975	9,215
Net imports	400	1,355	1,195	1,240	1,425	1,300	1,380	1,555	1,495
New supply	7,905	9,930	9,940	9,730	10,670	9,995	10,110	10,600	10,780
Sawlogs:									
Domestic production	4,845	5,905	5,100	5,160	5,745	5,080	4,945	5,120	5,310
Net imports	1,95	455	335	415	515	480	545	645	680
New supply ²	5,340	6,330	5,680	5,600	6,180	5,540	5,555	5,825	5,980
Veneer logs:									
Domestic production	235	345	560	615	720	705	765	820	885
Net imports	15	10	70	80	115	90	100	130	125
New supply	230	355	630	695	835	800	860	945	1,010
Pulpwood: ³									
Domestic production	930	1,500	2,305	2,090	2,280	2,490	2,450	2,595	2,605
Net imports	440	890	790	745	795	730	715	780	685
New supply ⁴	1,370	2,475	3,000	2,890	3,135	3,165	3,230	3,390	3,375
Other products, new supply ⁵	965	770	570	545	520	490	465	440	415

¹ Net exports. ² Includes changes in stocks.

³ Includes Alaska. ⁴ Beginning 1960, includes changes in stocks.

⁵ Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: Dept. of Agriculture, Forest Service; *The Demand and Price Situation for Forest Products*.

No. 979. STUMPPAGE AND LUMBER PRICES FOR SELECTED SPECIES: 1940 TO 1962

[In dollars per 1,000 board feet. See also *Historical Statistics, Colonial Times to 1957*, series L 85-91]

YEAR	STUMPPAGE PRICES				Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	
1940	2.30	4.50	3.00	2.20	22.20
1950	16.40	26.70	25.00	18.80	73.30
1955	28.90	32.00	30.00	26.10	80.90
1957	26.20	31.50	30.00	24.20	71.80
1958	21.80	31.10	23.50	19.10	69.40
1959	36.80	35.20	26.70	20.80	78.90
1960	32.00	34.50	29.00	19.10	75.00
1961	27.60	26.80	18.40	12.10	71.30
1962	24.80	26.00	20.00	16.10	73.30

Source: Dept. of Agriculture, Forest Service; unpublished data.

No. 980. SELECTED TIMBER PRODUCTS—WHOLESALE PRICE INDEXES: 1940 TO 1963

[1957-59=100. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series L 92-96, for indexes on 1947-49 base]

YEAR	Lumber	Plywood ¹	Woodpulp	Paper	Paperboard
1940	28.0	38.5	42.1	44.3	35.7
1945	42.2	48.0	52.7	50.5	47.4
1950	93.9	122.9	79.4	74.7	77.1
1955	102.4	116.4	93.8	91.1	93.3
1958	97.0	98.3	100.7	99.8	100.0
1959	104.5	104.4	100.7	100.6	99.9
1960	99.8	90.6	100.2	102.0	99.4
1961	94.7	87.6	95.0	102.2	92.5
1962	96.5	84.1	93.2	102.6	93.1
1963	98.9	87.7	91.7	102.4	94.7

¹ Softwood plywood, interior grade A-D.

Source: Dept. of Labor, Bureau of Labor Statistics. Current data in *Monthly Labor Review*.

No. 981. MILLWORK, WOOD PRODUCTS, AND PAINTS—PRODUCTION: 1950 TO 1963.

[Excludes Alaska and Hawaii, except as noted]

ITEM	1950	1955	1960	1961	1962	1963 (prel.)
Hardwood flooring..... mil. bd. ft.	1,077	1,268	915	823	813	866
Softwood plywood ¹ mil. sq. ft., $\frac{3}{4}$ " basis	2,676	5,284	7,759	8,496	9,184	10,000
Insulating boards ² 1,000 tons	838	1,100	1,098	1,084	1,063	1,125
Hardboard ³ 1,000 tons	381	530	686	789	865	912
Particleboard..... mil. sq. ft., $\frac{3}{4}$ " basis	n.a.	78	268	326	403	460
Ponderosa pine doors ⁴ 1,000 units	3,330	2,253	1,948	1,988	1,987	1,986
Hardwood doors ⁴ 1,000 units	1,221	6,786	3,763	4,579	4,347	5,304
Sash ⁴ 1,000 units	9,414	12,734	7,958	8,814	9,022	8,927
Exterior frames ⁴ 1,000 units	4,644	7,260	5,345	6,053	5,986	5,835
Paint, varnish, and lacquer ⁴ 1,000,000 gal.	n.a.	255	344	329	387	379

n.a. Not available.

¹ Principally Douglas fir.² Beginning 1955, includes Alaska.³ Covers only reports from members of National Woodwork Manufacturers' Association, not adjusted to represent full coverage.⁴ Production for trade sales. Beginning 1960, figures not comparable with previous years because of different method of collection.Source: Data compiled by Dept. of Commerce, Business and Defense Services Administration, from reports by various trade associations and Bureau of the Census. In *Business and Defense Services Administration, Construction Review*.

No. 982. TURPENTINE, ROSIN, AND NAVAL STORES—PRODUCTION: 1940 TO 1964

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series L 70-71, for crop years beginning April 1.]

PRODUCT	1940	1950	1955	1960	1962	1963	1964
TURPENTINE							
Total.....	604,778	673,290	617,800	636,750	637,110	653,060	673,530
Gum.....	382,781	323,010	175,940	107,400	152,810	152,100	140,520
Wood.....	221,997	350,280	441,868	529,350	484,300	500,960	533,010
Steam distilled.....	158,575	199,630	207,700	175,950	151,470	152,610	157,480
Destructively distilled.....	6,791	3,150	2,410	(¹)	(¹)	(¹)	(¹)
Sulphate.....	56,631	147,500	231,750	353,400	332,830	348,350	375,530
ROSIN							
Total.....	1,813,710	2,023,510	1,870,070	1,915,770	2,051,060	2,064,260	2,084,940
Gum.....	1,054,236	924,900	527,700	334,110	474,500	492,890	458,960
Wood, steam distilled ²	759,474	1,098,610	1,342,370	1,198,690	1,105,410	1,093,770	1,098,050
Tall oil.....				382,970	471,150	477,600	527,030
MISCELLANEOUS NAVAL STORES							
Dipentene.....	(¹)	29,710	32,010	20,620	23,550	(³)	(³)
Pine oil.....	(¹)	141,260	189,310	197,140	181,640	231,610	218,230
Other terpenes.....	(¹)	44,030	76,210	73,070	77,990	107,350	116,760
Rosin oil.....	(¹)	21,500	20,000	32,080	34,680	39,160	41,140

¹ Not reported.² Beginning 1950, total primary production of FF wood rosin.³ Dipentene included in other terpenes.⁴ 1963 and 1964 not comparable with previous years. Includes pine oil from all sources.Source: Dept. of Agriculture, Statistical Reporting Service; *Annual Naval Stores Report*.

Lumber Production

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No. 983. PULPWOOD, WOODPULP, AND PAPER AND PAPERBOARD—PRODUCTION: 1945 TO 1963

[Cords of 128 cu. feet; short tons. Beginning 1954, includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series L 61, L 64, and L 67]

YEAR	Pulpwood ¹	Woodpulp	Paper and paperboard	YEAR	Pulpwood ¹	Woodpulp	Paper and paperboard
	<i>1,000 cords</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 cords</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1945	15,253	10,167	17,371	1955	30,948	20,740	30,178
1946	16,982	10,707	19,278	1956	35,196	22,131	31,441
1947	18,542	11,946	21,114	1957	34,422	21,800	30,678
1948	20,026	12,872	21,897	1958	33,239	21,796	30,823
1949	17,619	12,207	20,315	1959	36,716	24,383	34,015
1950	20,712	14,849	24,375	1960	40,011	25,316	34,444
1951	25,128	16,524	26,047	1961	40,272	26,523	35,702
1952	25,065	16,478	24,418	1962	42,772	27,908	37,648
1953	26,310	17,537	26,540	1963 (prel.)	44,203	29,435	39,044
1954	26,972	18,256	26,876				

¹ Includes slabs, chips, and mill waste. Production is equal to receipts from domestic sources by woodpulp mills located in the United States.

² Includes Hawaii.

Source: Dept. of Commerce, Bureau of the Census. Current data in *Current Industrial Reports*, Series M26A.

No. 984. PULPWOOD AND VENEER LOG CONSUMPTION, PLYWOOD, AND WOODPULP PRODUCTION: 1950 TO 1963

YEAR	PULPWOOD CONSUMPTION ¹			Veneer log consumption, soft-wood ²	WOODPULP PRODUCTION, BY PROCESS ³				
	Total	Soft-wood	Hard-wood		Plywood production, soft-wood ²		Sulphate		
					Un-bleached	Bleached and semi-bleached	Un-bleached	Bleached and semi-bleached	
	<i>1,000 cords</i>	<i>1,000 cords</i>	<i>1,000 cords</i>	<i>1,000,000 ft., log scale</i>	<i>1,000 sq. ft. 3/8" equiv.</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	
1950	23,627	20,406	3,221	1,157	2,676	5,709	1,793	2,216	
1955	33,356	27,728	5,628	2,431	5,284	7,665	3,625	2,729	
1956	35,749	29,601	6,058	2,403	5,432	7,983	4,148	3,041	
1957	35,746	29,446	6,300	2,455	5,653	7,651	4,284	3,089	
1958	35,248	28,897	6,351	2,884	6,487	7,647	4,669	2,890	
1959	38,691	30,885	7,806	3,488	7,736	8,540	5,289	3,230	
1960	40,485	32,061	8,424	3,446	7,759	8,681	5,909	3,292	
1961	42,191	33,095	9,097	3,836	8,496	9,115	6,307	3,208	
1962	44,070	34,193	9,877	4,158	9,134	9,517	6,784	3,397	
1963 (prel.)	46,159	35,491	10,668	n.a.	n.a.	10,121	7,372	3,474	

n.a. Not available.

¹ Beginning 1955, includes Alaska, and 1962, Hawaii.

² Softwood plywood industry, principally Douglas fir.

³ Includes Alaska and, beginning 1962, Hawaii.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M26A and M24H.

Forests and Forest Products

No. 985. PAPER AND BOARD—PRODUCTION: 1950 TO 1963
 [In thousands of tons of 2,000 pounds. Beginning 1955, includes Alaska]

TYPE OF PAPER AND BOARD	1950	1955	1958	1959	1960	1961	1962	1963 (prel.)
All types	24,375	30,178	30,823	34,015	34,444	35,702	37,648	39,044
Paper	10,639	12,905	13,497	15,071	15,399	15,833	16,579	17,247
Newsprint	1,013	1,459	1,726	1,924	2,004	2,054	2,098	2,086
Groundwood paper, uncoated	705	886	824	909	988	907	904	1,010
Paper—machine-coated, printing and converting paper	1,020	1,312	1,559	1,706	1,875	2,140	2,275	2,400
Book paper, uncoated	1,580	1,740	1,654	1,894	1,887	1,654	1,731	1,945
Fine paper	1,197	1,450	1,535	1,759	1,776	1,924	2,038	2,124
Coarse paper	3,297	3,687	3,613	3,999	3,957	3,997	4,197	4,235
Special industrial, incl. absorbent	460	610	642	752	760	844	912	932
Sanitary tissue	1,148	1,521	1,725	1,854	1,964	2,078	2,188	2,287
Tissue paper, except sanitary and thin	217	240	220	246	238	234	236	(2)
Paperboard	10,926	13,867	14,150	15,459	15,676	16,474	17,500	18,102
Liners	3,872	5,109	5,179	5,747	5,966	6,356	6,908	7,174
Corrugating material	1,634	2,193	2,185	2,459	2,443	2,664	2,795	2,905
Container chipboard	325	250	215	235	227	231	261	284
Folding boxboard ³	2,350	2,592	2,774	2,904	2,940	2,878	2,963	3,019
Special food board	656	1,164	1,350	1,447	1,466	1,508	1,728	1,778
Other bending board ⁴	129	183	151	183	192	263	276	361
Set-up boxboard	713	797	736	805	767	609	631	(2)
Other nonbending board	164	257	250	263	292	410	412	426
Special paperboard stock	998	1,226	1,180	1,309	1,262	1,331	1,406	1,406
Cardboard	87	86	110	106	121	136	120	149
Other paperboard			21	20				
Wet machine board	165	179	121	145	175	155	162	(2)
Shoe board	49	55	52	55	57	59	61	56
Binder's board	42	47	44	50	52	55	58	56
Other	74	77	24	40	65	42	43	(2)
Construction paper and board	2,646	3,228	3,055	3,340	3,194	3,236	3,407	3,559
Construction paper	1,425	1,508	1,380	1,434	1,410	1,391	1,422	1,457
Insulating board	838	1,100	1,057	1,171	1,097	1,084	1,063	1,125
Wood fiber hardboard	383	530	609	734	686	762	922	977

¹ Not strictly comparable with figures for earlier years due to difference in coverage.

² Withheld because estimate did not meet publication standards.

³ Beginning 1958 "Folding boxboard" includes "Solid bleached chemical board, except special food board and bleached liner board"; prior to 1958, this grade was reported under "Other bending board."

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M26A.

No. 986. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE: 1940 TO 1963

[In thousands of short tons, except price]

COUNTRY AND ITEM	1940	1945	1950	1955	1960	1961	1962	1963
CANADA, INCLUDING NEWFOUNDLAND								
Production	3,770	3,592	5,270	6,191	6,739	6,735	6,691	6,630
Shipments from mills	3,804	3,553	5,311	6,236	6,752	6,707	6,680	6,622
Stocks at mills, end of year	224	137	89	80	140	167	178	186
UNITED STATES¹								
Consumption by publishers ²	2,850	2,455	4,542	5,045	5,532	5,461	5,577	5,585
Production ³	1,013	724	1,015	1,552	2,038	2,094	2,154	2,218
Shipments from mills ³	1,013	725	1,017	1,550	2,031	2,086	2,162	2,208
Stocks, end of year: ³								
At mills	13	6	8	8	26	33	25	34
At and in transit to publishers	356	206	425	458	628	584	604	545
Imports ⁴	2,763	2,669	4,864	5,164	5,412	5,435	5,471	5,413
Wholesale price, average ⁵ —dollars per ton	50.00	60.25	101.63	125.94	134.40	134.40	134.40	134.40

¹ Excludes Alaska and Hawaii, except as noted.

² As reported by publishers accounting for about 74 percent of total newsprint consumption in 1963.

³ Includes Alaska and Hawaii for consumption beginning January 1961, and for production, shipments, and stocks beginning July 1961.

⁴ Based on reports of the Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.

⁵ Source: Dept. of Labor, Bureau of Labor Statistics. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages; prior to 1950, represents New York price for rolls.

Source: Dept. of Commerce, Office of Business Economics (except as noted); based on data from the American Newspaper Publishers Association, New York, N.Y., and The Newsprint Service Bureau, New York, N.Y. Monthly data in *Survey of Current Business*.